



*Pacific Gas and  
Electric Company*

# FINAL INDEPENDENT EVALUATOR 2023 ANNUAL REPORT ON COMPLIANCE

JUNE 30, 2024



BUREAU  
VERITAS



C2 GROUP

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## **DISCLAIMER**

This report has been compiled through the process of observation and review of documents provided by the electric service provider named herein. The Office of Energy Infrastructure Safety (“Energy Safety”) instituted the requirement for an independent evaluation of electric utility providers Wildfire Mitigation Plans (“WMP”). Bureau Veritas is not the designer, implementer, or owner of the WMP and is not responsible for its content, implementation and/or any liabilities, obligations or responsibilities arising therein.

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## 1. EXECUTIVE SUMMARY

Derived from the devastating wildfires of the past and the present, we continue to learn more about what is our task to ensure the safety of California lands as it relates to the presence of electrical infrastructure within the wildland. California Public Utilities Commission (CPUC) opened Rulemaking 18-10-007 to provide guidance on the Investor-Owned Utilities (IOU) Wildfire Mitigation Plans (WMPs). The WMP's are developed to span three (3) years, with the first cycle of WMP independent evaluation starting in 2020.

The 2023 year of WMP is the second cycle of the three (3) year planning. During the final evaluation of the first 3-year plan which ended in 2022, Pacific Gas and Electric Company (PG&E) observed a reduction in wildfire ignition risk by outcomes of initiatives such as Enhances Powerline Safety Settings (EPSS) and undergrounding. PG&E's 2023 to 2025 plan builds on the previous cycle by incorporating more community engagement opportunities and introducing observations into building upon existing mitigation measures and application of further innovative technologies. Many of these existing programs include comprehensive monitoring and data collection, including but not limited to wildfire cameras, in-depth Quality Assessment and Quality Control (QA/QC) programs, asset inspections and situational awareness. Overall, it was observed in the previous year that reportable ignitions in the High Fire Threat Districts (HFTD) and High Fire Risk Areas (HFRA) within PG&E's overall service area was reduced.

This Independent Evaluator (IE) Annual Report of Compliance is an assessment of PG&E's 2<sup>nd</sup> cycle plan that began in 2023 and extends to 2025. This report provides a review of the WMP initiatives demonstrated in the 2023 plan and accounting for PG&E's performance in meeting with their commitment of objective targets including specific quantifiable or qualitative performance goals and targets, verification of QA/QC program implementation, process, and results; and the distribution of funding to initiatives described within the WMP.

Pursuant to P.U. Code Section 8386.3(c)(2)(B)(i), (ii), (iii), (iv), Bureau Veritas North America, Inc. (BVNA) has been selected as the IE to review and assess PG&E's 2023 WMP in its entirety. This report will outline BVNA findings and results for review. The Office of Energy Infrastructure and Safety (Energy Safety) Independent Evaluator List for 2023 Wildfire Mitigation Plans document dated February 27<sup>th</sup>, 2024, and reference to Public Utilities Code section 8386.3(c)(2)(A) included BVNA in the list of qualified IEs. In conformance with Energy Safety's requirements, PG&E executed a contract with BVNA to provide the IE assessment which includes the IE responsibilities outlined in the Public Utilities Code section 8386.3(c)(5)(C) for performance of the following tasks:

- Task 1 – Consult with Energy Safety on compliance assurance auditing that will be performed,

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- Task 2 – Perform compliance assurance auditing, including field inspections,
- Task 3 – Draft and provide to Energy Safety a report on audit findings, including deficiencies of underfunded WMP activities
- Task 4 – Draft and provide to Energy Safety a report on deficiencies of electrical corporations, and
- Task 5 – Track and report deficiencies of audit findings.

Docket Title: 2023 to 2025 Electrical Corporation Wildfire Mitigation Plans Docket #; 2023-2025-WMPs produced on January 8, 2024, for PG&E's 2023 WMP R5 update and the requirements of the Public Utilities Code (PU Code); Bureau Veritas North America, Inc. (BVNA), in partnership with C2 Group, have reviewed PG&E's 2023 WMP.

## ***Key Findings***

As PG&E completes its fourth year of producing and executing a Wildfire Mitigation Plan throughout its territories, it appears clear to the IE that PG&E has embraced the challenges of complying with statewide wildfire mitigation regulations set forth by Energy Safety and the participation in the independent evaluator process.

The PG&E 2023 WMP demonstrates lessons learned from previous years' efforts in wildfire mitigation with statistical data and detailed descriptions of mitigation measures. The 2023 WMP continues to strive to improve their efforts to reduce wildfire ignition risk by improving existing programs and implementing newer technologies. Public outreach, community relations and collaboration with other electrical corporations are a large part of the 2023 PG&E WMP with several initiatives detailed in the plan.

The IE has included in this section a few key findings from our review of the 2023 PG&E WMP initiatives that demonstrate PG&E's commitment to risk reduction and public outreach programs within the WMP.

- **8.1.2.10.5 - GH-10 - Non-Exempt Expulsion Fuse – Removal**

PG&E committed to removing 3,000 non-exempt expulsion fuses/cutouts identified on distribution poles in Tier 2 and Tier 3 HFTD areas in 2023. The IE randomly sampled and verified the 194 non-exempt expulsion fuse replacement locations to be replaced with exempt equipment. During the IE field team's field verification, a discrepancy was observed at two (2) locations (1% sampled locations) where one (1) structure had no fuses on the pole with only fault indicators and one (1) had solid blade disconnects installed on the pole.

PG&E's goal to remove 3,000 non-exempt fuses/cutouts was met and exceeded by 80 units, removing 3,080 non-exempt fuses/cutouts.

- **8.5.3 – PS-06 – Customer Support in Wildfire and PSPS Emergencies – Batteries**  
PG&E committed to the distribution of 4,000 portable batteries to enhance the resilience and safety of PG&E's Access and Functional Needs (AFN) populations during emergencies, particularly wildfires and Public Safety Power Shutoffs (PSPS) events.

The total of 4,700 batteries distributed exceeded the WMP goal of 4,000 portable batteries. The initiative appears to have identified and prioritized vulnerable customers based on medical and independent living needs, as well as their location in HFTDs. The signed waiver documents were able to show verification of all intended equipment distribution. This initiative aligns with PG&E's broader strategy to support AFN customers by providing critical resources during PSPS events.

## 2. INTRODUCTION

PG&E Company was incorporated in California in 1905, making it one of the largest natural gas and electricity providers in the country. PG&E Company is a subsidiary of PG&E Corporation and is an investor-owned utility that employs more than 23,000 employees, with corporate offices in Oakland, California. PG&E’s service area covers approximately 70,000 square miles of service area in northern and central California that stretches from Eureka in the north to Bakersfield in the south and from the Pacific Ocean in the west to the Sierra Nevada in the east, while supporting approximately 16 million people.



**Figure 1: Map of PG&E’s Service Territory**

PG&E infrastructure includes approximately 106,681 circuit miles of electric distribution lines and 18,466 circuit miles of interconnected transmission lines, 42,141 miles of natural gas distribution pipelines, 6,438 miles of transmission pipelines, and 5.5 million electric customer accounts and growing, along with 4.5 million natural gas customer accounts.

Over half of PG&E’s service territory, approximately 5,500-line miles of electric transmission and 25,500-line miles of distribution assets, lie within these High Fire Threat Districts (HFTD) as identified by the CPUC in 2018. Over the last several years PG&E has worked to develop an integrated strategy to manage and reduce ignition risk in the wildland where their infrastructure exists.

PG&E’s commitment to wildfire safety began in 2019 when CPUC initiated a project to create a roadmap to systematically reduce the risk of ignition resulting in wildfires from utility infrastructure. To lead the effort, Wildfire Safety Division defined long term objectives that supported and led to the forming of Energy Safety. The strategic roadmap for reducing utility related wildfire risk was acknowledged by PG&E in 2020.

## 3. INDEPENDENT EVALUATOR REVIEW OF COMPLIANCE

BVNA and the C2 Group have been chosen as PG&E's IE and are tasked with evaluating PG&E's 2023-2025 R5 WMP. The following assessment outline is based upon PG&E completion of proposed initiatives, distribution of funding, and verification of quality assurance and quality control program depicted during 2023 yearly progress. The overall approach to verify compliance included the review and assessment of the multiple WMP activities through data requests, Subject Matter Expert (SME) interviews, review of publicly available documents, and conducting field assessments within PG&E's service area to document and validate aspects detailed and outlined in PG&E's WMP progress for 2023.

The commencement of the evaluation began with the Energy Safety kick-off meeting, an introduction meeting with PG&E representatives, BVNA/C2 staff, and assigned Energy Safety Staff. Key elements of the introductory meeting were the process and protocols of communication and documentation; and identification of the individuals who are responsible for receiving requests from the IE. The IE then initiated a review of PG&E's 2023 WMP along with publicly available documents as listed in the Appendices to identify PG&E's statements detailed within the 2023 WMP goals. PG&E's WMP elements and their fulfillment of commitments, initiatives, and metrics are included in the QA/QC provisions outlined within the WMP.

BVNA's understanding of collected utility strategies demonstrated throughout the state are summarized below:

1. **Inspection and maintenance of distribution, transmission, and substation assets**, including conducting system patrols and ground inspections using technological inspection tools, managing predictive and electrical preventative maintenance, conducting vegetation inspections and management, vulnerability detection such as Light Detection and Ranging (LiDAR) inspection, and geospatial and topography identification and geographic information system (GIS) mapping data. A key component is identifying collected data elements through each program and understanding how that data is used and shared to improve utility practices.
2. **Vegetation management**, including routine preventative vegetation maintenance; corrective vegetative management and off-cycle tree work; emergency vegetation clearance, prioritized for portions of the service territory in Tier 2 and 3 HFTD; quality control processes; and resource protection plan, including animal and avian mitigation programs. Enhanced Vegetation Management (EVM) with enhanced inspections, aims to keep all aspects of trees away from power lines and to prescribe minimum clearances that exceed state



standards. EVM implements frequencies of inspection beyond the routine patrols to address dead, diseased or dying trees from power lines where they can do no harm.

3. **System hardening** includes pole replacement, non-expulsion equipment, advanced fuses, tree attachment removal, less flammable transformer oil, covered wire and wire wrap, and undergrounding where it is supported by a cost benefit analysis.
4. **Operational practices**, including communications and executing plans under varying degrees of wildfire risk. Plans to deactivate automatic reclosers, de-energization of “at risk” area power lines based on the type of facility (overhead bare conduction, high voltage, etc.), tree and vegetation density, available dry fuel, and other factors that make specific locations vulnerable to wildfire risk.
5. **Situational awareness** includes obtaining information from devices and sensors on the actual system, weather, and other wildfire conductivity conditions and two-way communication with agencies and key personnel. Application of risk informed, and data supported decision making. Programs such as online feeds and websites such as the National Fire Danger Rating System are utilized. Situational awareness should help achieve a shared understanding of actual conditions and serve to improve collaborative planning and decision-making.
6. **De-Energization actions** triggered and prioritized by forecasted extreme fire weather conditions: imminent extreme fire weather conditions; validated extreme fire weather conditions; and plans for re-energization when weather subsides to safe levels. Manual or automatic capabilities exist for implementation.
7. **Advanced Technologies** include Distribution Fault Anticipation technology, tree growth regulators, pulse control fault interrupters, oblique and hyperspectral imagery, advanced transformer fluids, advanced LiDAR, and advanced Supervisory Control and Data Acquisition (SCADA) to reduce electrical ignition while also helping to mitigate power outages and equipment damage.
8. **Emergency Preparedness, Outreach, and Response communications** before, during, and after emergencies, including but not limited to engaging with key stakeholders that include critical facilities and served customers, local governments, critical agencies such as the California Department of Forestry and Fire Protection (CAL FIRE), local law enforcement agencies and other first responders, hospitals, local emergency planning committees, other utility providers, and California Independent System Operators. Coordination

agreements such as Mutual Aid or Assistance should be leveraged. A community outreach plan should inform and engage first responders, local leaders, land managers, business owners, and others.

For those activities described in the WMP but not available within the publicly available records, BVNA's team of evaluators submitted data requests and conducted SME interviews to verify activities stated within the 2023 initiative list for the 2023-2025 WMP (See Appendix C for Data Requests Submitted and Responses). Along with the document analysis, data requests, and SME interviews, the IE conducted field assessments within HFTP Tier 2 and Tier 3 areas to collect images and evaluate compliance with the 2023 activities or initiatives identified during the IE initial review. The analysis and key findings for each respective section are detailed further within the following sections.

## 3.1 WMP Initiative Assessment

WMP activities outlined in PG&E's 2023 WMP are demonstrated in the document, "PG&E\_2023\_Q4\_Tables1-15\_R2.xlsx". Appendix A provides a detail of the initial activities and their grouping as it pertains to Initial IE Categorization. As described above, the WMP activity includes initiatives aligned with compliance metrics developed by Energy Safety. Given the extensive nature of PG&E's asset inventory, the IE assessment of activity completion is itemized in this report's following sections. The details in Section 3.1.1, and in conjunction with Appendix A, provide a comprehensive overview of the specific verifications conducted by the IE.

### 3.1.1 Sampling Methodology and Discussion

BVNA IE random sampling sizing for PG&E are based upon the ANSI Mil. Std 105E supported by Acceptable Quality Limit (AQL) as the foundational standard. Based on the selective sample sizing, the use of 2.5% defect is the acceptable level of major defective as a tolerance along with an inspection level of II as normally used. Mil-Std-105E (ANSI Z1.4) as a sampling plan begins by determining the lot size, the inspection level and then applying the appropriate table for sample size and the accept/reject criteria.

For the last three (3) years BVNA has been accepted and listed as an approved IE conducting the assessment of PG&E's yearly WMP. It is from this experience, that BVNA has utilized the referenced standard for selection of samples and evaluated acceptable error levels; but has also gained a level of confidence from the provided data and field verifiable state of PG&E's performance in meeting with their commitment of objective targets including specific quantifiable or qualitative performance goals and targets, verification of QA/QC program

implementation, process, and results; and the distribution of funding to initiatives so described within the WMP

Therefore, BVNA adjusted the basis of our sampling strategy and proposed to Energy Safety for approval of the following:

- All field verifiable items will utilize the ANSI Z1.4 full sample sizes as outlined in Table II-A – Single sampling plans for normal inspection.
- All desktop assessed initiatives that are NOT field verifiable would apply a 50% confidence reduction in the number of samples evaluated, resulting in a sample size of 50% of the values identified in Table II-A-Single sampling. This request is based on BVNA's historical results identified over the last three (3) years of IE assessment where low error values were observed.

If while assessing the 50% reduced sample size, the evaluator observes errors exceeding the 50% threshold of the error acceptance number, the remaining samples will be requested, resulting in a 100% evaluation of the original lot size demonstrated in the table.

### **Example:**

PG&E provided fieldwork orders to assess 100,000 items. Per the Table I the Code reference for 100,000 items fall under the general inspection level of "N". Inspection level "N" indicates a sample size of 500 within Table II-A, with an acceptance number (Ac) of 21 for the full sample. With the confidence reduction of 50%, the defined sample size results in an assessment of 250 items and an acceptance number of 10.

If the error acceptance number of 10 is exceeded, the remaining 250 samples will be requested, resulting in a full assessment of 500 samples.

The following tables outline initiative information, target numbers (amount sample sizes are based on), 100% sample size indicated in ANSI Z1.4 and Table II-A – Single sampling plans for normal inspection, 50% reduced sample size evaluated and the acceptable error for the reduced value and 100% value.

### ***Large Volume Quantifiable Goal/Target - Field Verifiable***

The IE applied sampling methodologies and standards to program targets to ensure the sampling quantities were statistically acceptable. When PG&E's actual quantity of completed work exceeded the amount targeted, the greater and 'actual' number was used when determining the field review sample quantities. According to the standard, general inspection level two should be used and was applied as the default inspection level unless

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otherwise specified. See Table 1: Program Sampling Methodology Summary for Large Volume Quantifiable Goal/Target Field Verifiable that summarizes the individual program targets, actuals, sampling methodologies/standards, and the IE sample size/target.

The IE conducted field inspections assessing compliance for work completion, work quality, and adherence to applicable protocols and procedures. The IE field sample targets are minimums, and larger sample numbers were obtained when possible. In addition, the IE has made data requests on these program targets to review, where applicable, standards, as-built, and relevant QA/QC program documentation. This multi-faceted approach supports verification results extrapolated across sample populations.

The IE assessed the following seven (7) items provided as part of PG&E's 2023 WMP's list of initiatives under section **3.1.2.1 Large Volume Quantifiable Goal/Target - Field Verifiable**.

**Table 1: Program Sampling Methodology Summary for Large Volume Quantifiable Goal/Target – Field Verifiable**

Program	Units	Sections	Sampling Standard	PG&E Target <sup>1</sup> /Actual <sup>2</sup>	IE Field Sample Target
System Hardening - Distribution	Miles	8.1.2.1 - GH-01	ANSI/ASQ Z1.4	420/446.5	50
10K Undergrounding	Miles	8.1.2.2 - GH-04	ANSI/ASQ Z1.4	350/363.9	50
EPSS - Down Conductor Detection (DCD)	EA	8.1.2.10.1 - GM-06	ANSI/ASQ Z1.4	500/720	80
Surge Arrestor - Removals	EA	8.1.2.10.4 - GH-08	ANSI/ASQ Z1.4	663/663	80
Non-Exempt Expulsion Fuse - Removal	EA	8.1.2.10.5 - GH-10	ANSI/ASQ Z1.4	3,000/3,080	125
Pole Clearing Program	EA	8.2.3.1 - VM-02	ANSI/ASQ Z1.4	77,503/79,882	500
Tree Removal	EA	8.2.2.2.4 - VM-04	ANSI/ASQ Z1.4	15,000/35,760	500

<sup>1</sup> PG&E Targets reported per PG&E's 2023-2025 Wildfire Mitigation Plan R5 Dated April 2, 2024.

<sup>2</sup> PG&E Actuals reported per PG&E's Quarter Data Report (QDR) for Fourth Quarter dated February 1, 2024, per PG&E\_2023\_Q4\_Tables1-15\_R0 Table 1 Actual Q1-4 Progress.

***Large Volume Quantifiable Goal/Target – Not Field Verifiable***

Similar to the Large Volume Quantifiable Goal/Target Field Verifiable noted previously, the IE applied the same sampling methodologies and standards to program targets to ensure the sampling quantities were statistically acceptable. When PG&E's actual quantity of completed work exceeded the amount targeted, the greater and 'actual' number was used when determining the sample quantities. According to the standard, general inspection level two should be used and was modified as indicated above in Section 3.1.1. See Table 2: Program Sampling Methodology Summary for Large Volume Quantifiable Goal/Target Not Field Verifiable that summarizes the individual program targets, actuals, sampling methodologies/standards, and the IE sample size/target.

The IE made initial data requests on these program targets to review the work completed and identify and request completion records for the sample size in conformance with the sampling methodology described herein. The IE has also made data requests on these program targets to review, where applicable, standards, as-builts, and relevant QA/QC program documentation.

The IE assessed the following 21 items provided as part of PG&E's 2023 WMP's list of initiatives under section **3.1.2.2 Large Volume Quantifiable Goal/Target - Not Field Verifiable**.

**Table 2: Program Sampling Methodology Summary for Large Volume Quantifiable Goal/Target – Not Field Verifiable**

<b>Program</b>	<b>Units</b>	<b>Sections</b>	<b>Sampling Standard<sup>3</sup></b>	<b>PG&amp;E Target<sup>1</sup>/Actual<sup>2</sup></b>	<b>IE Sample Target</b>
Detailed Inspection Transmission – Ground	Structures	8.1.3.1.1 – AI-02	ANSI/ ASQ Z1.4 Modified	27,000/27,691	158
Detailed Inspection Transmission – Aerial	Structures	8.1.3.1.2 – AI-04	ANSI/ ASQ Z1.4 Modified	24,000/25360	158
Detailed Inspection Transmission – Climbing	Structures	8.1.3.1.3 – AI-05	ANSI/ ASQ Z1.4 Modified	1,700/1,786	63
Perform Transmission	Miles	8.1.3.1.4 – AI-06	ANSI/	4,000/4,292	100

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Infrared Inspections			ASQ Z1.4 Modified		
Detailed Ground Inspections - Distribution	Poles	8.1.3.2.1 – AI-07	ANSI/ ASQ Z1.4 Modified	234,648/236,544	400
Asset Inspections - Quality Assurance	EA	8.1.6.1 – GM-01	ANSI/ ASQ Z1.4 Modified	1. 500/2,012 2. 1,500/5,012	1. 63 2. 100
Asset Inspection – Quality Control	EA	8.1.6.2 – GM-09	ANSI/ ASQ Z1.4 Modified	1. 20,000/20,988 2. 1,800/2,006 3. 140,000/186,127 4. 30,000/38,880	1. 158 2. 63 3. 400 4. 250
HFTD-HFRA Open Tag Reduction - Transmission	Transmission LC Tags	8.1.7.1 – GM-02	ANSI/ ASQ Z1.4 Modified	16,831/16,069	158
HFTD-HFRA Open Tag Reduction – Distribution Backlog	Distribution EC Tags	8.1.7.2 – GM-03	ANSI/ ASQ Z1.4 Modified	52,000/60,503	250
LiDAR Data Collection - Transmission	Miles	8.2.2.1.1 – VM-01	ANSI/ ASQ Z1.4 Modified	17,500/17,817	158
Routine Transmission – Ground	Miles	8.2.2.1.1 – VM-13	ANSI/ ASQ Z1.4 Modified	17,740/18,172	158
Transmission Second Patrol	Miles	8.2.2.1.2 – VM-14	ANSI/ ASQ Z1.4 Modified	5,625/5,681	100
Integrated Vegetation Management - Transmission	Acres	8.2.2.1.3 – VM-15	ANSI/ ASQ Z1.4 Modified	11,194/11,742	158
Distribution Routine Patrol	Miles	8.2.2.2.1 – VM-16	ANSI/ ASQ Z1.4 Modified	79,000/79,950.2	250
Distribution Second Patrol	Miles	8.2.2.2.2 – VM-17	ANSI/ ASQ Z1.4 Modified	43,000/43,222	250

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Focused Tree Inspection Program	Miles	8.2.2.2.5 – VM-03	ANSI/ ASQ Z1.4 Modified	250/267	16
Defensible Space Inspections - Distribution Substation	EA	8.2.2.3.1 – VM-05	ANSI/ ASQ Z1.4 Modified	131/131	10
Vegetation Management – Quality Verification	EA	8.2.5 – VM-08	ANSI/ ASQ Z1.4 Modified	1. 2,500/4,285 2. 1,200/2,038 3. 1,800/2,284	1. 100 2. 63 3. 63
Vegetation Management - Quality Control	EA	8.2.5.2 – VM-22	ANSI/ ASQ Z1.4 Modified	1. 75,000/117,285 2. 12,500/15,902 3. 10,500/10,791	1. 250 2. 158 3. 158
Provide 12,000 new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS	Batteries	8.5.3 – PS-06	ANSI/ ASQ Z1.4 Modified	4,000/4,715	100
PSPS Customer Impact Reduction	Customer Events	9.1.5 – PS-07	ANSI/ ASQ Z1.4 Modified	15,000/15,672	158

<sup>1</sup> PG&E Targets reported per PG&E's 2023-2025 Wildfire Mitigation Plan R5 Dated April 2, 2024.

<sup>2</sup> PG&E Actuals reported per PG&E's Quarter Data Report (QDR) for Fourth Quarter dated February 1, 2024, per PG&E\_2023\_Q4\_Tables1-15\_R0 Table 1 Actual Q1-4 Progress.

<sup>3</sup> Sample size of 50% of the values identified in Table II-A-Single Sampling as described in Section 3.1.1 Sampling Methodology above.

### ***Small (less than 100 times) Volume Quantifiable Goal/Target***

Similar to the Large Volume Quantifiable Goal/Target Not Field Verifiable noted previously, the IE applied the same sampling methodologies and standards to program targets to ensure the sampling quantities were statistically acceptable. When PG&E's actual quantity of completed work exceeded the amount targeted, the greater and 'actual' number was used when determining the sample quantities. According to the standard, general inspection level two should be used and was modified as indicated above in Section 3.1.1. See Table 3: Program Sampling Methodology Summary for Small (less than 100 times) Volume

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Quantifiable Goal/Target that summarizes the individual program targets, actuals, sampling methodologies/standards, and the IE sample size/target.

The IE made initial data requests on these program targets to review the work completed and identify and request completion records for the sample size in conformance with the sampling methodology described herein. The IE has also made data requests on these program targets to review, where applicable, standards, as-builts, and relevant QA/QC program documentation.

The IE assessed the following 14 items provided as part of PG&E's 2023 WMP's list of initiatives under section **3.1.2.3 Large (less than 100 times) Volume Quantifiable Goal/Target**.

**Table 3: Program Sampling Methodology Summary for Small (less than 100 times) Volume Quantifiable Goal/Target**

Program	Units	Sections	Sampling Standard <sup>3</sup>	PG&E Target <sup>1</sup> /Actual <sup>2</sup>	IE Sample Target
System Hardening - Transmission	Circuit Miles	8.1.2.5.1 - GH-05	ANSI/ ASQ Z1.4 Modified	43/ 56	10
System Hardening - Transmission Shunt Splices	Transmission Lines	8.1.2.5.1 - GH-06	ANSI/ ASQ Z1.4 Modified	20/20	3
Distribution Protective Devices	Protective Devices	8.1.2.8.1 - GH-07	ANSI/ ASQ Z1.4 Modified	75/76	10
Distribution Line Motor Switch Operator (MSO) - Replacements	MSO replacements	8.1.2.10.3 - GH-09	ANSI/ ASQ Z1.4 Modified	20/21	3
Supplemental Inspections - Substation Distribution	Distribution Substations	8.1.3.3.1 - AI-08	ANSI/ ASQ Z1.4 Modified	52/52	10
Supplemental Inspections - Substation Transmission	Transmission Substations	8.1.3.3.1 - AI-09	ANSI/ ASQ Z1.4 Modified	34/34	4
Supplemental Inspections -	Hydroelectric Substations	8.1.3.3.1 - AI-10	ANSI/	41/41	4



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Hydroelectric Substations and Powerhouses	and Powerhouses		ASQ Z1.4 Modified		
Defensible Space Inspections - Transmission Substation	Inspections	8.2.2.3.1 - VM-06	ANSI/ ASQ Z1.4 Modified	55/55	10
Defensible Space Inspections - Hydroelectric Substations and Powerhouses	Inspections	8.2.2.3.1 - VM-07	ANSI/ ASQ Z1.4 Modified	61/61	10
Line Sensor - Installations	Circuits	8.3.3.1 - SA-02	ANSI/ ASQ Z1.4 Modified	40/55	4
Distribution Fault Anticipation (DFA) Installations	DFA Sensors	8.3.3.3 - SA-10	ANSI/ ASQ Z1.4 Modified	5/5	2
Early Fault Detection (EFD) Installations	EFD Circuits	8.3.3.3 - SA-11	ANSI/ ASQ Z1.4 Modified	2/2	2
Review, and revise the CERP and 2 Wildfire Related Annexes on a yearly basis	CERP and two wildfire related annexes	8.4.3.1 - EP-06	ANSI/ ASQ Z1.4 Modified	3/3	3
Community Engagement - Surveys	Surveys	8.5.2 - CO-02	ANSI/ ASQ Z1.4 Modified	2/2	2

<sup>1</sup> PG&E Targets reported per PG&E's 2023-2025 Wildfire Mitigation Plan R5 Dated April 2, 2024.

<sup>2</sup> PG&E Actuals reported per PG&E's Quarter Data Report (QDR) for Fourth Quarter dated February 1, 2024, per PG&E\_2023\_Q4\_Tables1-15\_R0 Table 1 Actual Q1-4 Progress.

<sup>3</sup> Sample size of 50% of the values identified in Table II-A-Single Sampling as described in Section 3.1.1 Sampling Methodology above.

## ***Sampling Distribution***

The regional subsets were used to create a more comprehensive and complex understanding of the data, which allowed the IE to better understand the relationships between the different regions, field-verified items, and how they interact. The six regional

planning efforts incorporated measures such as sampling standards, crew sizes, production rates, schedule durations, individual initiative types, distribution throughout PG&E's HFTD, respective county populations, and inspected infrastructure densities.

The IE conducted an independent site selection process to determine sample locations for field verifications taken from the populated data for each initiative. The IE also applied Random Sampling to all six regions. Sampling was targeted within HFTD Tiers 2 and 3 areas in all cases. Further, it targeted high-density areas to improve field inspection efficiency and maximize sampling quantities.

Sample sizes and their analysis were adequate for a general understanding of the reviewed items. The sample sizes over time allotments are insufficient to provide a definite accounting of item qualities or miles stated within PG&E's 2023 WMP targets. However, as requested in the Final IE Scope of Work document, general and linear extrapolations and deductions were made from the sample size results, which were distributed as defined within this document. These included the actual installation or removal of the item (work completion), general work quality, adherence to protocols, standards, and procedures, and item location or confirming operational outputs.

See Figure 2: Overview of Areas Sampled, which provides a general overview of the locations sampled within Section 3.1.2.1 Large Volume Quantifiable Goal/Target - Field Verifiable.

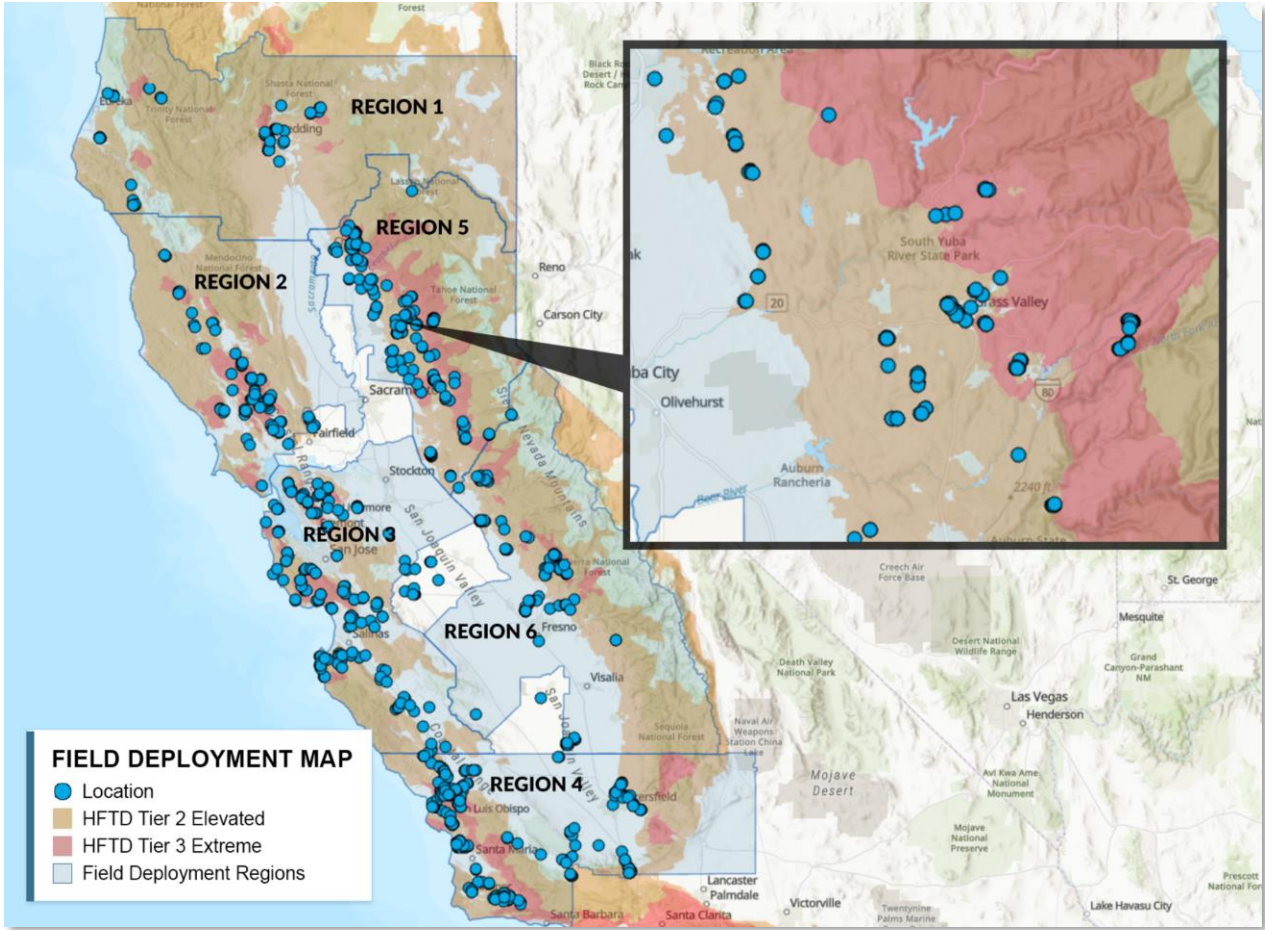


Figure 2: Overview of Field Areas Sampled

## 3.1.2 Review of Initiatives

### 3.1.2.1 Large Volume Quantifiable Goal/Target – Field Verifiable

The following information comprises detailed descriptions of the IE's assessments of PG&E's various initiatives categorized as Large Volume Quantifiable Field Verifiable. The approach to assessing each initiative, along with the IE's findings, are described in this section.

#### 8.1.2.1 - GH-01 - System Hardening – Distribution

Distribution system hardening employs a variety of initiatives designed and prioritized to reduce the risk of wildfire ignition caused by overhead distribution assets. The initiatives are prioritized first to consider line removal opportunities followed by undergrounding, which provides additional risk reduction benefits such as avoiding tree fall-in risks. Other alternatives such as applying remote grid alternatives and relocating overhead facilities are also considered. When in-place overhead system hardening is assessed as an alternative, the detailed consideration process is described within Section 8.1.2.1 System Hardening - Distribution of the 2023 WMP.

PG&E committed to system hardening 420 highest-risk miles in 2023 per Revised Table 7-3-2: PG&E's WMP Targets of the 2023 WMP. PG&E's goal to harden 420 miles was met and exceeded by 26.5 miles, system hardening a total of 446.5 miles, per PG&E's self-reporting within the 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413. Utilizing the information provided within Data Request DRU13240, the IE team incorporated the provided information into its field sampling plan with an initial target of 50 circuit miles. The goal was surpassed with the IE team field verifying 51 circuit miles, exceeding the target by 1 mile. For illustrative examples of these observations please refer to Figures 3, 4 and 5: Example System Hardening Distribution Pole Field Images, provided below.

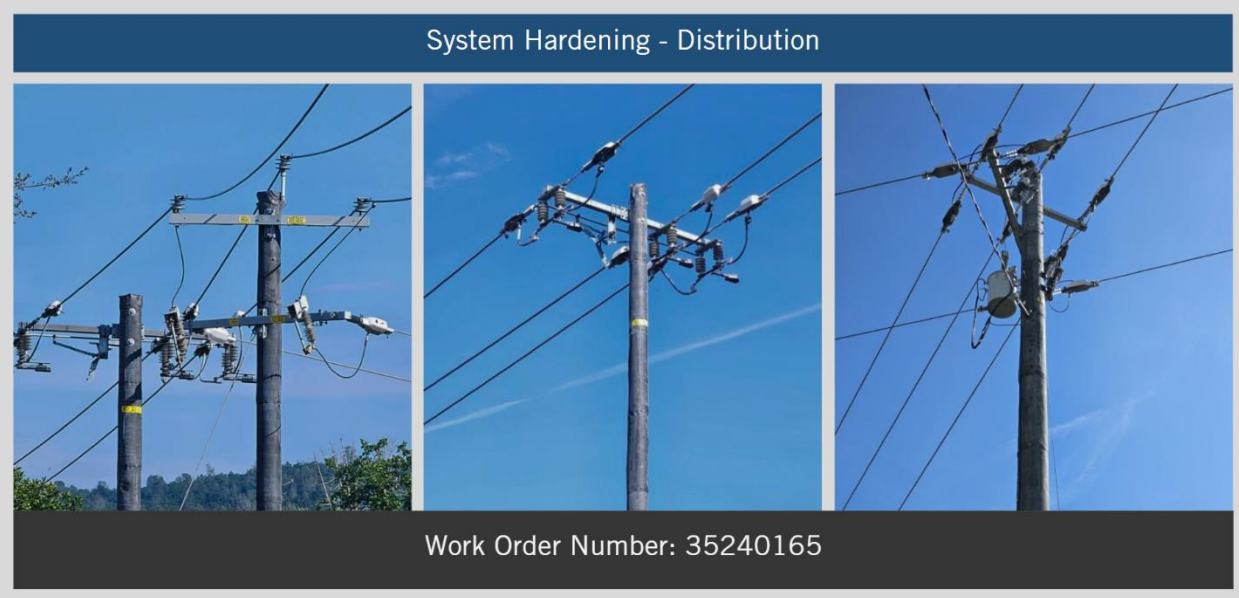


Figure 3: Example System Hardening Distribution Field Imagery

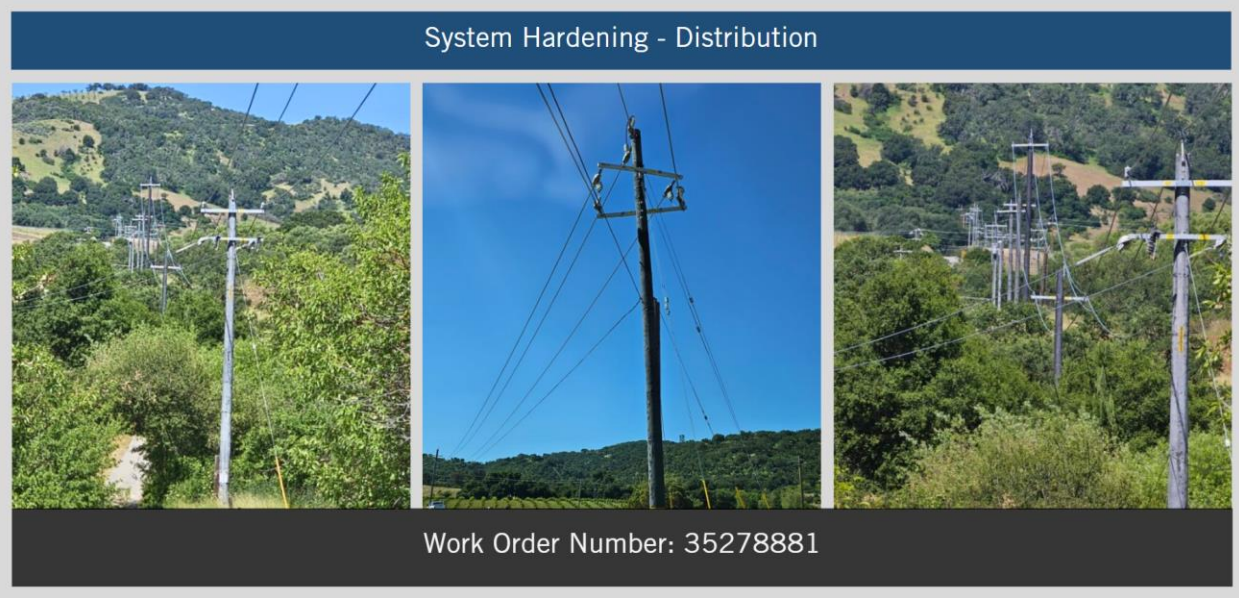


Figure 4: Example System Hardening Distribution Field Imagery



**Figure 5: Example System Hardening Distribution Field Imagery**

The IE was able to confirm system hardening, undergrounding, and removals with a two-tiered approach involving field & aerial imagery verification of work compared to work order packages provided within the confidential response to Data Request DRU13535. The IE utilized a vehicle-mounted 360° camera with GPS data-logging capabilities to accurately map the selected work orders for comparison against historical Google Streetview imagery from 2019-2023 and also used supplemental historical 2021-2023 satellite imagery (Google Earth) validated against current 2023-2024 satellite imagery (AIRBUS Defense and Space GEO) and, when available, 2023-2024 fixed wing aerial imagery (Vexcel Data). For fixed-wing aerial & satellite-based verification, the IE utilized the Pléiades Neo satellite (PNEO4) and the Pléiades 1A satellite (PHR1A) with a ground resolution of 0.3m and 0.5m per pixel respectively as well as fixed-wing aerial imagery acquired by Vexcel Data's UltraCam Osprey/Condor 4.1 with a resolution of 0.15m per pixel. Although the acquired image resolution varies, the light and shadows of the structure's cross-arms and conductors are no longer visible in the 2023-2024 aerial & satellite imagery, indicating that the structure has been removed and is shown within the red box of the historical satellite vs. new aerial & satellite comparisons found in Figures 6, 7, and 8 provided below.

WORK ORDER NUMBER: 351450001

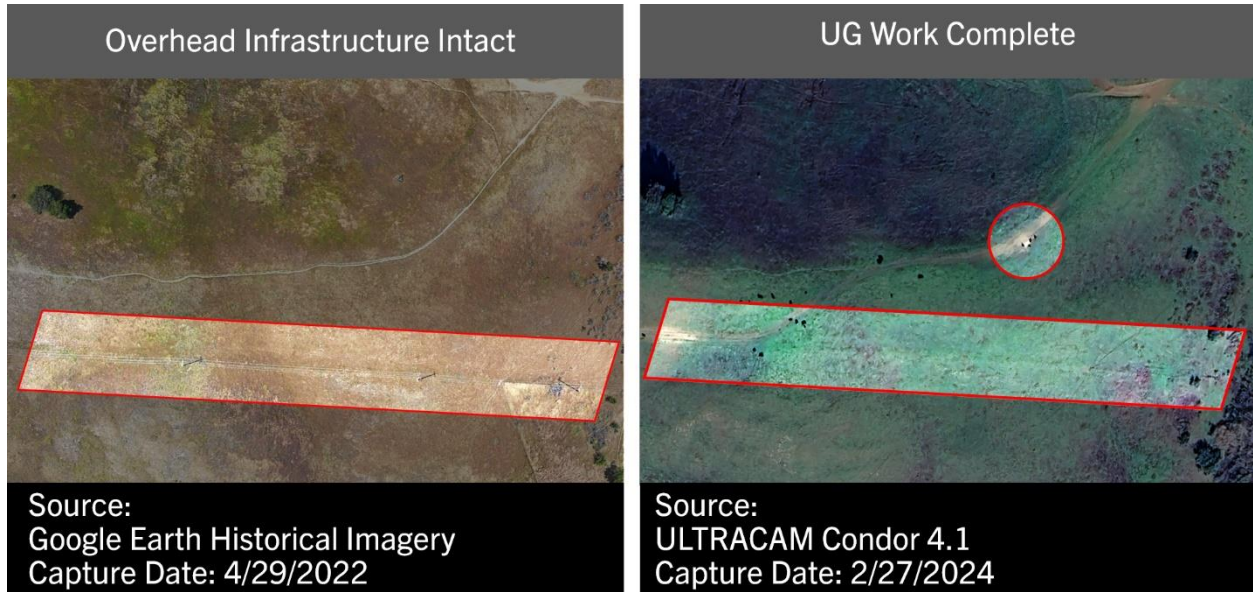


Figure 6: Historical 2022 Satellite Imagery Comparison to 2024 Satellite Imagery Examples

WORK ORDER NUMBER: 35217275

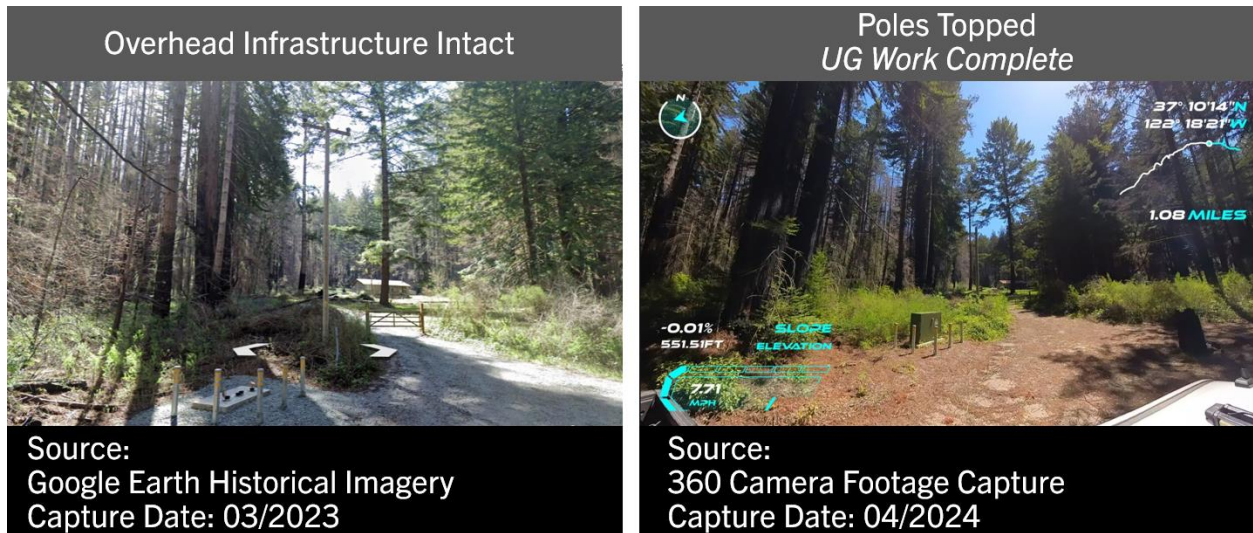


Figure 7: Historical 2023 Imagery Comparison to 2024 360° Imagery Examples

WORK ORDER NUMBER: 35334753

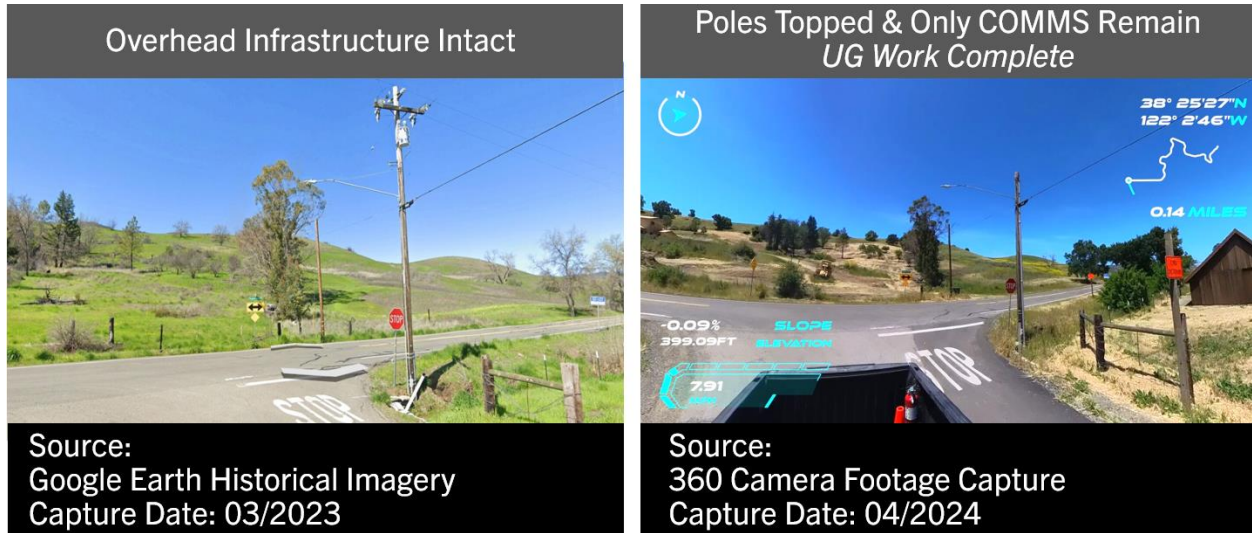


Figure 8: Historical 2023 Imagery Comparison to 2024 360° Imagery Examples

Based on the IE’s verification sample, additionally provided documentation and satellite imagery, data suggest that PG&E likely fulfilled its commitment of 420 circuit miles and exceeded it by an additional 26.5 miles for a total of 446.5 circuit miles. No issues were identified and based on the assessment of the distribution system hardening; the work quality is satisfactory.

8.1.2.2 - GH-04 - 10K Undergrounding

The 10K undergrounding Initiative, as described within Section 8.1.2.2, was launched in July 2021 as a separately tracked initiative from 8.1.2.1 that is designed to prioritize high-risk areas for undergrounding electrical to reduce the risk of wildfire ignition caused by overhead distribution assets such as tree fall-in risks. PG&E committed to undergrounding 350 circuit miles in 2023 per Revised Table 7-3-2: PG&E’s WMP Targets from the 2023 WMP. This initiative’s target includes undergrounding as part of the 8.1.2.1 System Hardening Initiative. PG&E’s goal to underground 350 miles was met and exceeded by 13.9 miles, undergrounding a total of 363.9 miles, per PG&E’s self-reporting within the 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413.

Utilizing the information provided within Data Request DRU13256, the IE team incorporated the provided information into its field sampling plan with an initial target of 50 circuit miles. The goal was surpassed with the IE team field verifying 56.4 circuit miles, exceeding the target by 6.4 miles. For illustrative examples of these observations please refer to Figures 9 and 10 Example Undergrounding Assets Field Images, provided below.





Figure 9: Example Undergrounding Assets Field Image



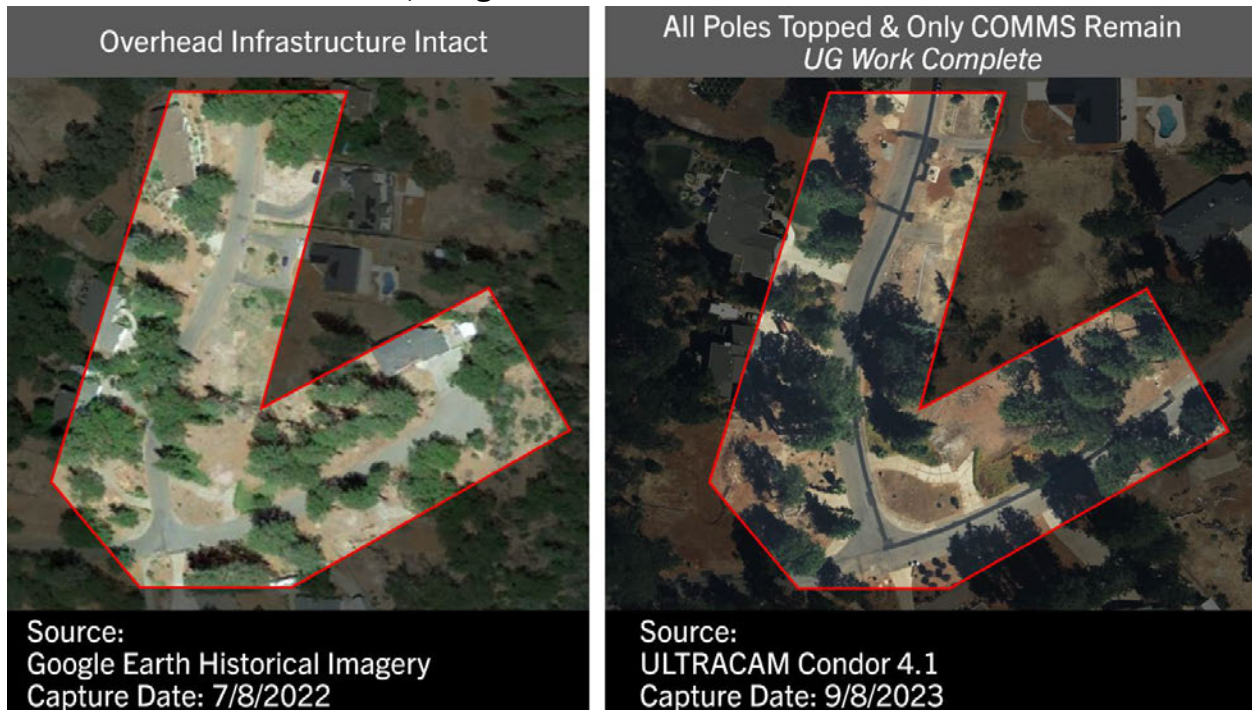
Figure 10: Example Undergrounding Assets Field Image

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The IE confirmed undergrounding and removals with a two-tiered approach involving field & aerial imagery verification of work compared to work order packages provided in the confidential response to Data Request DRU13536. The IE utilized a vehicle-mounted 360° camera with GPS data-logging capabilities to accurately map the selected work orders for comparison against historical Google Streetview imagery from 2019-2023 and also used supplemental historical 2021-2023 satellite imagery (Google Earth) validated against current 2023-2024 satellite imagery (AIRBUS Defense and Space GEO) and, when available, 2023-2024 fixed wing aerial imagery (Vexcel Data). For fixed-wing aerial & satellite-based verification, the IE utilized the Pléiades Neo satellite (PNEO4) and the Pléiades 1A satellite (PHR1A) with a ground resolution of 0.3m and 0.5m per pixel respectively as well as fixed-wing aerial imagery acquired by Vexcel Data's UltraCam Osprey/Condor 4.1 with a resolution of 0.15m per pixel. Although the acquired image resolution varies, the light and shadows of the structure's cross-arms and conductors are no longer visible in the 2023-2024 aerial & satellite imagery, indicating that the structure has been removed and is shown within the red box of the historical satellite vs. new aerial & satellite comparisons found in Figures 11, 12, and 13 provided below.

**WORK ORDER NUMBER:** 35118676

**LOCATION:** Lat 39.757096°, Long -121.638023°



**Figure 11: Historical 2022 Satellite Imagery Comparison to 2023 Satellite Imagery Examples**

WORK ORDER NUMBER: 35297692

LOCATION: Lat 40.875763°, Long -123.418819°

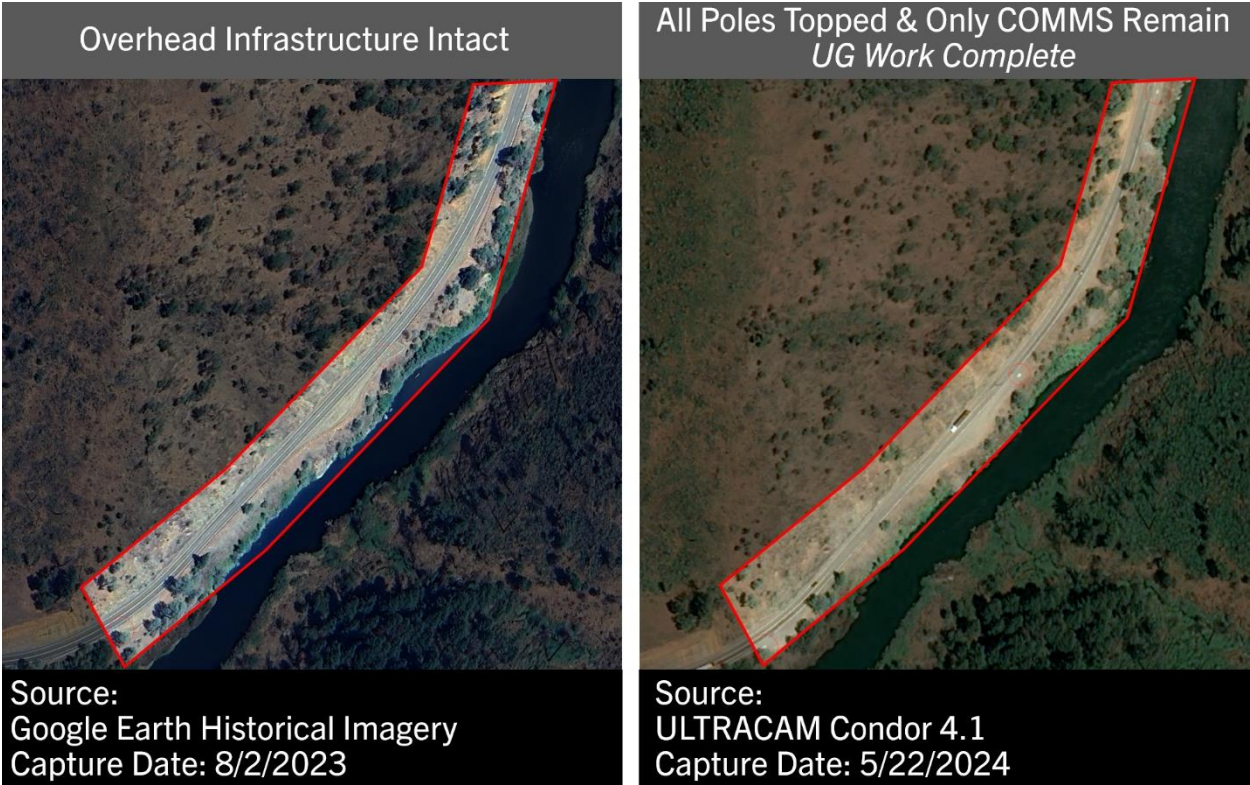
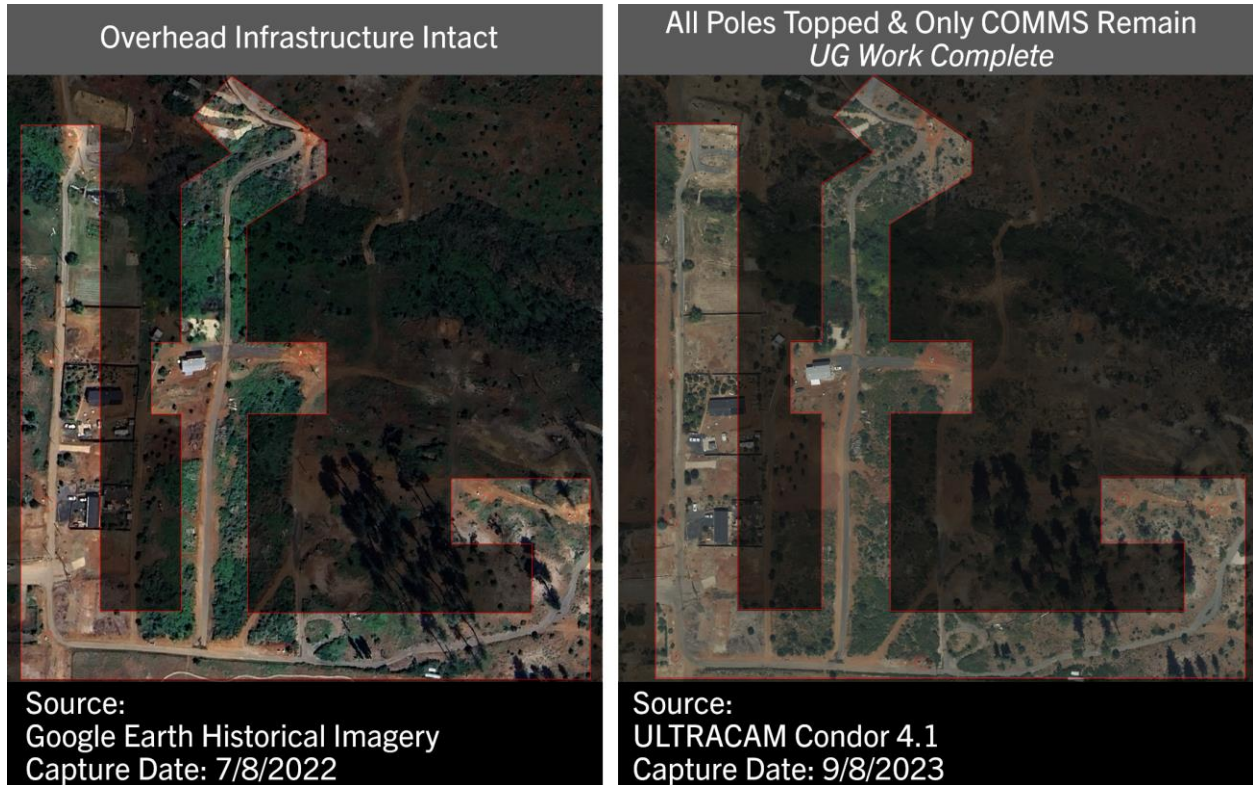


Figure 12: Historical 2023 Satellite Imagery Comparison to 2024 Satellite Imagery Examples

**WORK ORDER NUMBER:** 35350874

**LOCATION:** Lat 39.766303°, Long -123 569873°



**Figure 13: Historical 2022 Satellite Imagery Comparison to 2023 Satellite Imagery Examples**

Based on the IE's verification sample, additionally provided documentation and satellite imagery, data suggest that PG&E likely fulfilled its commitment of 350 circuit miles and exceeded it by an additional 13.9 miles for a total of 363.9 circuit miles. No issues were identified and based on the assessment of the distribution system hardening, the work quality is satisfactory.

#### 8.1.2.10.1 - GM-06 - EPSS - Down Conductor Detection (DCD)

Down Conductor Detection devices improve the ability to detect and de-energize circuit segments before high impedance faults occur thereby greatly reducing the potential for ignition in HFRA. Per Revised Table 7-3-2: PG&E's WMP Targets from the 2023 WMP and per confidential response DRU13190, PG&E's goal for this initiative is to make 500 protective device controllers or relays capable for down conductor detection was met and exceeded by 220 units, for making 720 devices DCD capable per PG&E's self-reporting within the 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413.

The IE field assessment team utilized the California Power Line Fire Prevention Guide, 2021 Edition, as their ruling document for validation of Exempt equipment installations (Pages 90-

97, Figures B-26 through B-47), and utilized PG&E Document 094669, Installing OH Distribution Line Reclosers, 11/15/2021, as a supplemental guide. For illustrative examples of these observations, please refer to Figure 14: Example Down Conductor Detection Field Images, provided below.



**Figure 14: Example Down Conductor Detection Field Images**

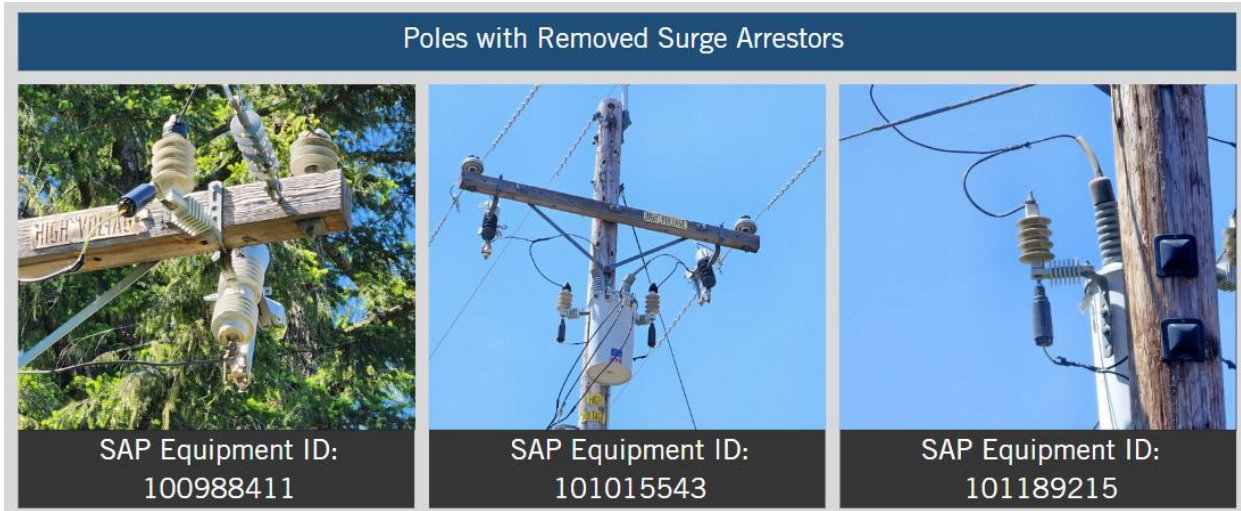
From the confidential response DRU13190, the IE randomly sampled 85 downed conductor detection devices from the confidential list of 720 DCD list provided in DRU13190. The IE verified the 85 downed conductor detection devices installed and commissioned in 2023, and all 85 sampled locations complied with the initiative goals. Based on the IE's verification sample and results, it appears likely that PG&E met its commitment to install 500 devices and exceeded the total with 720 devices, as reported.

Field assessments of the down conductor detection devices were reviewed for workmanship quality and accuracy of information. No issues were identified and based on the assessment of the Down Conductor Detection devices; the work quality is satisfactory in alignment with the initiative description as described within the 2023 WMP.

#### 8.1.2.10.4 - GH-08 - Surge Arrestor - Removals

Removal of non-exempt surge arrestors with exempt surge arrestors (CAL FIRE exempt and certified) that operate without creating arcs or sparks during regular operation contributes to the overall goal of minimizing the risk of ignition in HFTD areas. PG&E committed to removing 663 non-exempt surge arrestors in HFTD and HFRA areas in 2023 per Revised Table 7-3-2: PG&E's WMP Targets from the 2023 WMP. PG&E's goal to remove 663 non-exempt surge arrestors was met, per PG&E's reporting within the 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413.

Section 8.1.2.10.4 Surge Arrestor - Removal Program of the 2023 WMP defines the initiative program definitions of replacement and mitigation. The IE field assessment team utilized the California Power Line Fire Prevention Guide, 2022 Edition, as their ruling document to validate Exempt equipment installations: (Pages 113- 114, Figures B-86 through B-88) vs. Non-Exempt (Pages 63-67, and Figures NE-19 through NE-28). For illustrative examples of these observations, please refer to Figure 15: Example Poles with Removed Surge Arrestors Field Images, provided below.



**Figure 15: Example Poles with Removed Surge Arrestors Field Images**

From the confidential response DRU13268, the IE randomly sampled 87 Surge Arrestors from the confidential list of 663 Surge Arrestors provided in DRU13268. The IE verified a sample of 87 surge arrester locations that were to be mitigated or replaced with exempt equipment. 87 complied with the initiative; based on the IE’s verification sample and results, it appears likely that PG&E met its stated commitment to mitigate or replace 663 surge arrestors as reported.

Additionally, the IE team reviewed how PG&E selects, executes, closes, and tracks the overall Surge Arrestor removals initiative, and various process flows and found them to align with the initiative description as described within the 2023 WMP.

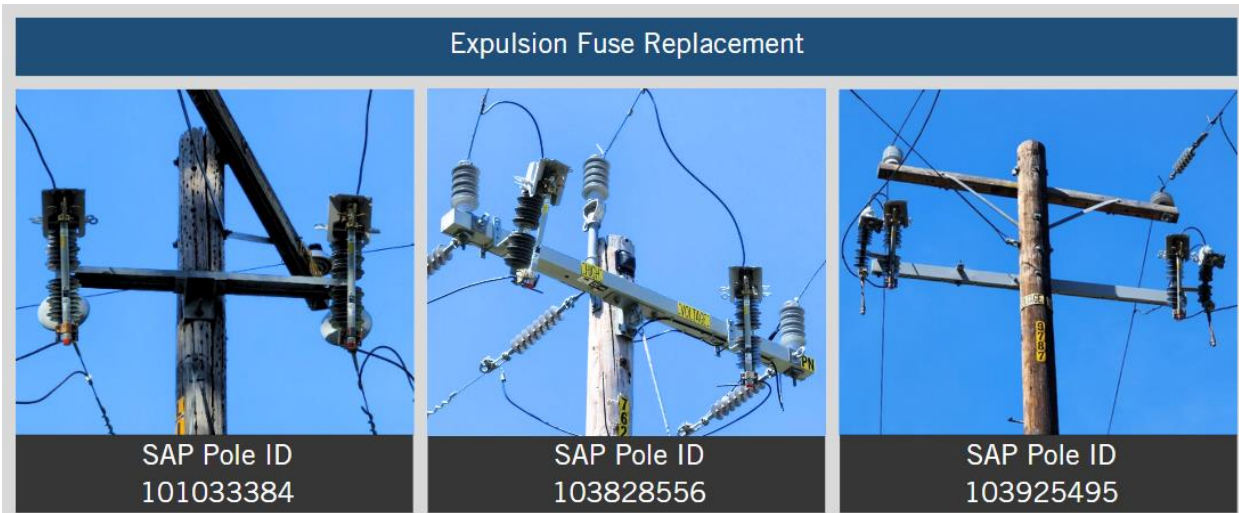
Field assessments of the surge arrester replacements were reviewed for workmanship quality and accuracy of information. The following data discrepancies were identified during the field assessment:

- The location of two (2) structures does not match the provided coordinates; the discrepancies range approximately from 150 to 360 feet from the specified points.

## 8.1.2.10.5 - GH-10 - Non-Exempt Expulsion Fuse - Removal

Removal of non-exempt expulsion fuses and replacement with exempt fuses, considered non-expulsion and operating without creating arcs or sparks, contributes to the overall goal of minimizing the risk of ignition in HFTD areas. PG&E committed to removing 3,000 non-exempt expulsion fuses/cutouts identified on distribution poles in Tier 2 and Tier 3 HFTD areas in 2023 per Revised Table 7-3-2: PG&E's WMP Targets from the 2023 WMP. PG&E's goal to remove 3,000 non-exempt fuses/cutouts was met and exceeded by 80 units, removing 3,080 non-exempt fuses/cutouts, per PG&E's reporting within the 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413.

The program definition of removal is defined in Section 8.1.2.10.5 Non-Exempt Expulsion Fuses of the 2023 WMP and as per the confidential response to Data Request DRU13273. The IE field assessment team utilized the California Power Line Fire Prevention Guide, 2021 Edition, as their ruling document to validate Exempt equipment installations (Pages 81-87, Figures B-1 through B-21) vs. Non-Exempt (Pages 54-62, Figures NE-1 through NE-18). For illustrative examples of these observations, please refer to Figure 16: Example of Expulsion Fuse Replacement Field Images, provided below.



**Figure 16: Example of Expulsion Fuse Replacement Field Images**

From the confidential response DRU13273, the IE randomly sampled and verified the 194 non-exempt expulsion fuse replacement locations to be replaced with exempt equipment. The IE's target goal of 125 field verified locations was exceeded by 69, for a total of 194 sampled sites. 194 were found to be in compliance with the initiative, and two (2) of the sampled locations, or 1% of the structures sampled, were found to be out of compliance. The following non-compliance issues were identified during the field assessment.

- One (1) structure had no fuses on pole, only fault indicators.

- One (1) structure had Solid Blade disconnects installed on the pole.

Based on the IE's verification sample and results, it appears likely that PG&E met its stated commitment to remove and replace 3,000 non-exempt fuses/cutouts and exceeded 80 units for a total of 3,080 non-exempt fuses/cutouts, as reported.

Field assessments of the expulsion fuse removals were reviewed for workmanship quality and accuracy of the information in alignment with the initiative description as described within the 2023 WMP. The following issues or data discrepancies were identified during the field assessment:

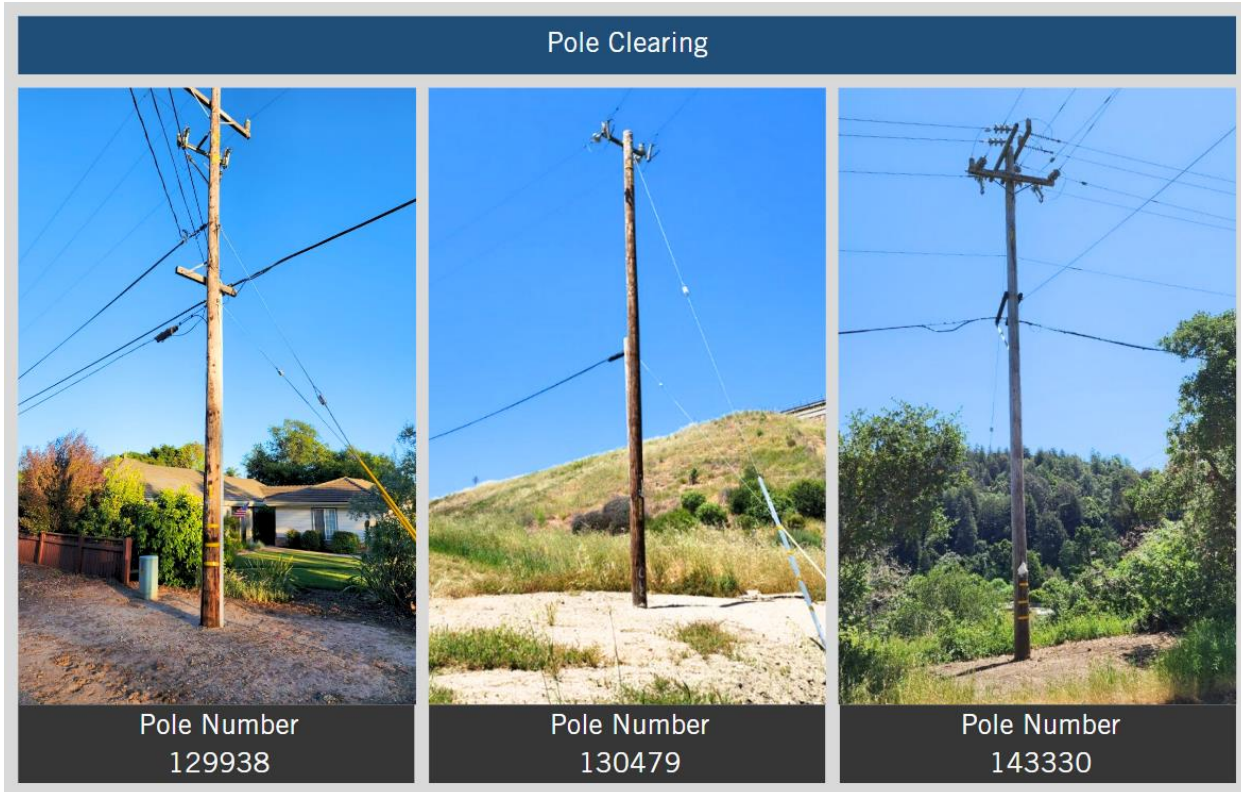
- The location of one (1) structure does not match the coordinates provided. The structure is approximately 500 feet to the north of the coordinates.

### 8.2.3.1 - VM-02 - Pole Clearing Program

PG&E designed the Pole Clearing Program initiative to inspect and clear vegetation from poles identified in PG&E's Vegetation Database within HFTD areas or HFRA per PRC 4292. Additionally, this initiative covers HFTD and HFRA areas in non-SRA and non-FRA areas per PUC 8386. As noted within the 2023 WMP, PG&E's goal with the Pole Clearing Program is to "reduce risk, improve access to equipment, allow for safe Supervisory Control and Data Acquisition operations, enhance public safety, supplement other mitigations, and protect assets from wildfires regardless of cause at equipment locations." As per Revised Table 7-3-2 PG&E's WMP Targets from the 2023 WMP, PG&E committed to inspect, clear, and maintain 77,503 poles in 2023. PG&E met and exceeded its target by 2,379 poles, leading to the inspection and clearance of 79,882 poles, per PG&E's self-reporting within the 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413.

The program definition for vegetation clearance is defined in 8.2.3.1 Pole Clearing Program of the 2023 WMP and as detailed within the data request DRU13226. The IE field assessment team utilized the California Power Line Fire Prevention Guide, 2021 Edition, as their ruling document for validation of pole clearances (Pages 21-22, Figures 10 through 12) as well as hazard trees/vegetation clearances (Pages 42-52). For illustrative examples of pole clearing observations, please refer to Figure 17: Example Pole Clearing Field Images, provided below.





**Figure 17: Pole Clearing Example Field Imagery**

From the confidential response DRU13226, the IE field team randomly sampled and verified a sample of 731 distribution structures cleared in 2023. The IE’s target goal of 500 field verified locations was exceeded by 231, for a total of 731 sampled sites. All 731 sampled locations complied with the initiative goals. Upon a thorough review of the data provided and the IE team’s field verification samples, it appears likely that PG&E fulfilled its commitment of 77,503 poles and exceeded it by an additional 2,379 poles for a total of 79,882 poles.

Field assessments of the pole clearings were reviewed for workmanship quality, the accuracy of the information, and compliance with the initiative in alignment with the initiative description as described within the 2023 WMP. The data discrepancy was identified during the field assessment:

- One (1) structure does not align with the provided coordinates. The structure is approximately 160 feet from the provided coordinates.

**8.2.2.2.4 - VM-04 - Tree Removal**

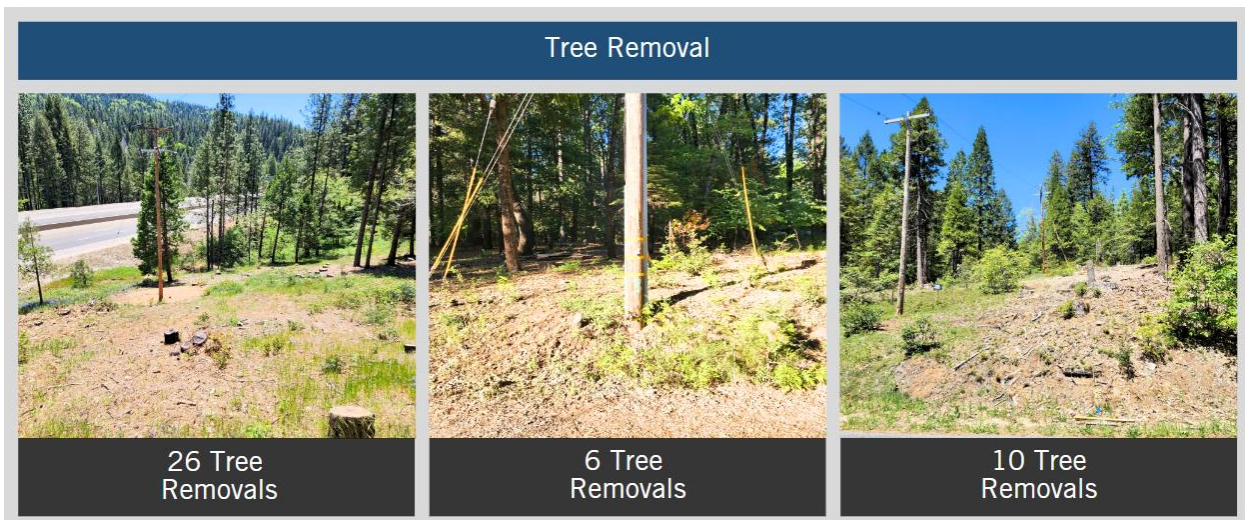
Following the conclusion of the EVM program in 2022, PG&E began the new transitional vegetation management program, Tree Removal Inventory, for 2023. This program utilizes

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the inventory established with the EVM program and will re-inspect or remove trees that were previously identified to reduce ignition risk related to vegetation contact.

PG&E has committed to the removal and re-evaluation of 15,000 trees, per Revised Table 7-3-2 PG&E's WMP Targets from the 2023 WMP. PG&E's goal of 15,000 trees was met and exceeded by 20,760 trees, completing a total of 35,760 trees per PG&E's self-reporting within the 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413.

The program definition for tree removal is defined in 8.2.2.2.4 Tree Removal Inventory of the 2023 WMP and as per data request DRU13239. The IE field assessment team utilized the California Power Line Fire Prevention Guide, 2021 Edition, as their ruling document for validation of hazard tree/vegetation clearances (Pages 42-52). For illustrative examples of these observations, please refer to Figure 18: Example Tree Removal Field Images, provided below.



**Figure 18: Tree Removal Example Field Imagery**

Using the information provided in the data request, the IE field verified a sample of 597 tree removal locations worked in 2023. All 597 sample locations were found to be in compliance with the initiative; based on the IE's verification sample and results, it appears likely that PG&E met its stated commitment to re-inspect or remove 15,000 trees and exceeded the total with 35,760 trees, as reported.

Field assessments of the tree removal work were reviewed for workmanship quality and accuracy of information. No issues were identified and based on the assessment of the Tree Removal; the work quality is satisfactory in alignment with the initiative description as described within the 2023 WMP.

## Summary of Initiative Findings

In addition to the Field Reviews conducted, the IE also reviewed numerous relevant documents, such as WMP-specific initiative life cycle documentation, inspection and audit records, fire rebuild design and guidance standards, design as-builts, maps, and various planning documents along with process flows encompassing how PG&E selects, executes, closes, and tracks specific initiatives. PG&E provided the documentation in confidentiality in response to the IE’s various data requests. Table 4 summarizes the IE’s findings of PG&E’s program initiatives, as they were identified and reported as part of this evaluation.

**Table 4: Large Volume Quantifiable Goal/Target – Field Verifiable Summary Table**

Initiative Number/ID	Initiative Name	Population Size/Target	Sample Size	#, % Verified	#, % Verification Failed
8.1.2.1 - GH-01	System Hardening - Distribution	420 Circuit Miles	51 Circuit Miles	51, 100%	0, 0%
8.1.2.2 - GH-04	10K Undergrounding	350 Circuit Miles	56.4 Circuit Miles	56.4, 100%	0, 0%
8.1.2.10.1 - GM-06	EPSS - Down Conductor Detection (DCD)	500 EA	85 EA	85, 100%	0, 0%
8.1.2.10.4 - GH-08	Surge Arrestor - Removals	663 EA	87 EA	87, 100%	0, 0%
8.1.2.10.5 - GH-10	Non-Exempt Expulsion Fuse - Removal	3,000 EA	194 EA	192, 99%	2, 1%
8.2.3.1 - VM-02	Pole Clearing Program	77,503 EA	731 EA	731, 100%	0, 0%
8.2.2.2.4 - VM-04	Tree Removal	15,000 EA	597 EA	597, 100%	0, 0%

## 3.1.2.2 Large Volume Quantifiable Goal/Target – Not Field Verifiable

Pursuant to the Final IE Scope of Work for the Review of Compliance with 2023 WMP, PG&E provided a complete list of all 2023 WMP activities classified as Large Volume Quantifiable Goal/Target - Not Field Verifiable completed in 2023. The IE's review and evaluation of these initiatives were completed through data request documentation from PG&E completion of initiatives and publicly available documents, articles, and reports. These 2023 WMP activities identified within the Large Volume Not Field Verifiable list were reviewed and assessed within this section, and the findings are presented below for each initiative.

### 8.1.3.1.1 - AI-02 - Detailed Inspection Transmission – Ground

Data was gathered to assess initiative AI-02 to WMP section 8.1.3.1.1 for detailed ground inspections of 27,000+ poles to ensure the safety and operational reliability of PG&E's electrical Transmission network.

Data collected in response to requests regarding the initiative were made to provide insight into progress made towards meeting the initiative targets. A list of 27,598 Transmission ground inspection reports were provided for review, which exceeded the quantity referenced in the WMP. Based upon this list 159 inspection reports were selected for review based on a modified ANSI Z1.4 sample size and prioritized by HFTD Tier 3, (149-Locations) then HFTD Tier 2, (10-Locations) randomized for review.

The reviews covered mainly HFTD Tier 3 transmission detailed ground inspections for 148 locations.

The inspection reports demonstrated consistent formatting and verbiage across all documents, ensuring clarity and ease of understanding. Each report included detailed descriptions of findings, declarations, and photo documentation, with unique identification markers clearly shown in every photo with few exceptions. Out of 159 sites reviewed a total of 21 inspection reports have pole markers that do not match the identifier in the report, however, the markers appear to be of an older style and have not been updated with the current structure ID. A single report was identified where no structure existed at the location, but the report showed it still was in the system as of last year.

Based on the data reviewed, the initiative target goals have been met.

Table 5: Detailed Inspection Transmission – Ground Summary

Description	2023 Target	2023 Q4 QDR	DRU13553 Response	Summary
Detailed Inspection Transmission – Ground	27,000 Inspections	27,598 Inspections	27,598 Inspection Reports	Target Met/Exceeded by 598 Inspections

8.1.3.1.2 - AI-04 - Detailed Inspection Transmission – Aerial

Data was gathered to assess initiative AI-04 to WMP section 8.1.3.1.2 for detailed aerial inspections of transmission structures to ensure reliable safety of PG&E's electrical transmission network.

Data collected in response to requests regarding the initiative were made to evaluate progress made towards meeting the initiative targets. A list of 25,360 aerial transmission inspection reports was provided for review in utility response DRU13193, which aligned with the quantity referenced in the WMP. Based on this list, 158 inspection reports were selected for review based on a modified ANSI Z1.4 sample size and detailed reviews were conducted targeting HFTD Tier 2 (25%) and HFTD Tier 3 (75%) locations distributed across the geographic areas. These reports were sent in utility response DRU13504. The individual PDF files were named for the structures identified and included information on the type of structure, line name, voltage, location, inspector, date, and work order.

The review covered a detailed examination of the reports, ensuring consistency and accuracy. Each report contained 11 sections of data, capturing a total of 40 data points in text-only format. However, images were not included in these reports. Reports documented damage on a scale of 1-5 and noted other issues requiring correction, but did not recommend any specific steps for correction.

Findings demonstrated consistent formatting and verbiage across all documents, ensuring clarity and ease of understanding. The structure ID, report date, and work order numbers matched the list of 25,360 reports in the spreadsheet reviewed.

Findings:

- The structure ID, report date, and work order numbers were consistent and matched the list of 25,360 reports, indicating a thorough tracking process.
- One report number from the list of 158 reports requested did not match with the report sent for review. Instead of a HFTD Tier 2 pole in Sacramento per the list, a

report for a pole NE of Yuba City was submitted in its place. This was the only non-compliance found during the review.

- The reports included damage ratings and specific condition notes but did not correlate these findings with specific corrective actions or timelines.

**Table 6: Detailed Inspection Transmission – Aerial Summary**

Description	2023 Target	2023 Q4 QDR	DRU 13193 Response	Summary
Detailed Inspection Transmission – Aerial	24,000 Inspections	25,359 Inspections	25,360 Inspections	Target Met/Exceeded by 1,360 Inspections

### 8.1.3.1.3 - AI-05 - Detailed Inspection Transmission – Climbing

Data was gathered to assess initiative AI-05 according to WMP section 8.1.3.1.3 for climbing detailed inspections of transmission overhead assets in HFTD and HFRA to ensure the safety and operational reliability of PG&E's electrical transmission network. Data collected in response to requests regarding the initiative provided insights into progress made towards meeting the initiative targets.

The first data response contained a WMP initiative life cycle template outlining stakeholders and reiterating targets in the WMP for the section. It also included an excel spreadsheet containing a list of 1,786 locations. The second response, titled DRU13532, contained PDF inspection report files for 63 specific locations where climbing/tower inspections were performed. These reports were selected for review based on randomized locations made by the evaluator primarily targeting locations in HFTD Tier 3. The reports followed a consistent format with notes about the condition of the structures and photo documentation of insulators, structures, structure identification numbers, and foundations.

Each report contained multiple pages with identification information at the beginning, followed by lists of site conditions, and several pages of photos detailing different parts of the structure. At the end of each report was a Line Corrective (LC) notification task section. The photos were high resolution and consistently formatted across the reports, capturing all portions of the structures as accurately as possible. One location was noted having photos that were blurred or distorted.

While it was not always clear in the reports how an LC was directly tied to notes and photos, each report reviewed that appeared to identify potential hardware or other issues supported by observations and photos included at least one LC. Overall, the quality and quantity of both the written and photo documentation in each report were exceptional, allowing for a high level of analysis during the review process.

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There were, however, two notable discrepancies: one report contained a possibly misidentified structure in the photo, and another showed a bird's nest in the photo documentation, whereas the report indicated no bird's nest was present. Additionally, the location where all report photos were blurry could not have its compliance established due to the poor photo quality.

## Findings:

- 1 instance where report review noted bird's nest in the photo documentation, whereas the report written section indicated no bird's nest was present
- 1 instance where the photo of the structure identification did not align with the equipment identification number in the report
- An additional location was noted where all photos were too blurry to determine compliance

The collected data indicates that the inspections conducted were thorough and followed the guidelines set forth in Section 8.1.3.1.3 of the WMP. The inclusion of detailed inspection reports with high-resolution photos and comprehensive documentation aligns with the goal of identifying asset conditions that could lead to ignition. The consistency and quality of the reports suggest that the inspections are being carried out in accordance with the specified processes.

**Table 7: Detailed Inspection Transmission – Climbing Summary**

Description	2023 Target	2023 Q4 QDR	DRU13352 Response	Summary
Detailed Inspection Transmission - Climbing	1,700 Inspections	1,786 Inspections	1,786 Inspections	Target Met/Exceeded by 86 Inspections

### 8.1.3.1.4 - AI-06 - Perform Transmission Infrared Inspections

Data was gathered to assess initiative AI-06 to WMP section 8.1.3.1.4 for infrared inspections of transmission lines to ensure safety and operational reliability of PG&E's electrical distribution network.

The purposes for the data request and evaluation by the IE is to provide understanding into progress made towards meeting initiative targets. A list of completed circuit miles was provided in DRU13197 Q01 AI-06 Atch 01 Inspection Transmission.xlsx. This list indicated that 4,292.27 circuit miles were flown in HFTD 2 and 3 areas during 2023, which exceeds the target of 4,000 transmission line circuit miles.

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DRU13197 Q02 AI-06 Atch01 Flow Chart.pdf indicates that the procedures and methods used to verify the infrared inspection were completed to acceptable industry standards and the inspection work was completed successfully.

The IE requested a sample size of 100 detailed inspection records based on an agreed upon reduced sample size. Of the 100 inspection reports, 75% were selected from Tier 3 areas and 25% were selected from Tier 2 fire-threat areas in order to evaluate the initiative activities. The acceptable number of allowable errors for this sample size is 5.

PG&E provided DRU13537 Q01 Atch01 Tier 2 inspection records, DRU13537 Q02 Atch01 Tier 3 inspection records, and DRU13537 Q03 Atch01 Tier 2 Tier 3 inspection records. Within the sample size 100 Transmission Line Infrared Data Sheets PG&E provided, the following is a summary of those 100 inspections:

- 86 of the 100 inspections included transmission lines in Tier 3 areas (872.65 miles)
- 95 of the 100 inspections included transmission lines in Tier 2 areas (1,281.56 miles)

Of the 100 Transmission Line Infrared Data Sheets provided, five of the data sheets listed IR or UV anomalies however the detail in which the inspections were documented and conducted were thorough and followed the guidelines set forth in Section 8.1.3.1.4 of the WMP. The consistency and quality of the reports suggest that the inspections are being carried out in accordance with the specified processes.

**Table 8: Perform Transmission Infrared Inspections Summary**

Description	2023 Target	2023 WMP ARC Report	DRU13197 Response	Summary
Detailed Transmission Infrared Inspections	4,000 Inspections	4,292 Inspections	4,292 Inspections	Target Met/Exceeded by 292 Inspections

### 8.1.3.2.1 - AI-07 - Detailed Ground Inspections - Distribution

Data was gathered to assess initiative AI-07 to WMP section 8.1.3.2.1 for detailed ground inspections of distribution poles to ensure the safety and operational reliability of PG&E's electrical distribution network.

Data collected in response requests regarding the initiative were made to provide insight into progress made towards meeting the initiative targets. A list of 236,532 distribution ground inspection reports were provided for review, which exceeded the quantity referenced in the



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WMP. Based upon this list 400 inspection reports were selected for review based on a modified ANSI Z1.4 sample size and prioritized by HFTD Tier 3, then HFTD Tier 2, location distribution, and then randomized.

The review covered 100% of HFTD Tier 2 distribution detailed ground inspections for 100 locations and 100% of HFTD Tier 3 distribution detailed ground inspections for 300 locations. The inspection reports demonstrated consistent formatting and verbiage across all documents, ensuring clarity and ease of understanding. Each report included detailed descriptions of findings, declarations, and photo documentation, with unique identification markers clearly shown in every photo with few exceptions. However, 2 reports identified where no structure existed at the location, and so had no information collected. These were considered to be compliant as the condition was noted and created a record for future correction in the location data.

Out of 400 sites reviewed, 396 were found to be in compliance. A total of 4 non-compliances were identified, including two instances of absence of pole tag photos in the report, one report photo showing vegetation growth on the pole not noted in the report, and one instance where a photo from another report appeared to have been incorrectly included. These were considered non-compliances, likely due to report documentation errors in 3 of the 4 reports, which prevented the reports from being verified for content or location. The report with vegetation growth appeared to show a vine growing up a substantial portion of the pole in the photos. Although this location did have an EC, the report identified the location as compliant with GO 165 and GO 95 with no other declarations made.

Locations where overhead lines were connected at attachments to trees were observed at 7 locations clustered in the north and central valley areas. These were noted in the reports as compliant with GO 165 and with no exceptions to GO 95. A few reports where substantial vegetation growth appeared to be near structures in the photos were noted, and these reports mostly reported compliance with GO 95, although a few did show minor work or EC for vegetation issues. The report documented locations where transformers or fuses were installed, and no vegetation issues were noted during the review of reports at these locations neither in the written notes nor the photos.

## Findings:

- 2 instances of no pole tag photo with no EC was noted.
- 1 instance of vegetation growth on the pole clearly shown in a report photo and not noted in the report.
- 1 instance where no issues were noted in the report, but a photo showed a guy installation issue that appeared to be copied from another report.

**Table 9: Detailed Ground Inspections - Distribution Summary**

Description	2023 Target	2023 Q4 QDR	DRU13199 Response	Summary
Detailed Ground Inspections – Distribution	234,544 Pole Inspections	234,648 Pole Inspections	236,532 Inspection Reports	Target Met/Exceeded by 104 Inspections

8.1.6.1 - GM-01 - Asset Inspections - Quality Assurance

As described within the 2023 – 2025 WMP, PG&E’s target for this initiative was to perform system inspection QA audits on QC completed locations and achieve quality pass rates for each asset inspection program. PG&E has included two (2) asset inspection programs within this initiative.

**Quality Assurance Audits Transmission Ground Inspections**

As described within the 2023 – 2025 WMP, PG&E planned to conduct 500 quality assurance audits for transmission ground inspections with a pass rate of 92%. Per PG&E’s 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported completion of quality assurance audits for transmission ground inspections for 2,012 locations with a pass rate of 99.95%. As detailed in PG&E’s confidential response to Data Request DRU13281, PG&E provided a list of quality assurance audits completed for transmission ground inspections for 2,012 locations with a pass rate of 99.95% as summarized below in Table 10. The IE reviewed a sample of 63 quality assurance audits for transmission ground inspections. No issues were identified in the review of quality assurance audits for transmission ground inspections.

**Quality Assurance Audits Distribution Ground Inspections**

As described within the 2023 – 2025 WMP, PG&E planned to conduct 1,500 quality assurance audits for distribution ground inspections with a pass rate of 82%. Per PG&E’s 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported completion of quality assurance audits for distribution ground inspections for 5,012 locations with a pass rate of 92.88%. As detailed in PG&E’s confidential response to Data Request DRU13281, PG&E provided a list of quality assurance audits completed for distribution ground inspections for 5,012 locations with a pass rate of 92.88% as summarized below in Table 10. The IE reviewed a sample of 100 quality assurance audits for distribution ground inspections. No issues were identified in the review of quality assurance audits for distribution ground inspections.

Table 10: Asset Inspections – Quality Assurance Summary

Description	2023 Target	2023 Q4 QDR	DR13281 Response	Summary
QA Audits Transmission Ground	500 Audit Locations 92% Pass Rate	2,012 Audit Locations 99.95% Pass Rate	2,012 Audit Locations 99.95% Pass Rate	Target Met/Exceeded by 1,512 Audit Locations 7.95% Pass Rate
QA Audits Distribution Ground	1,500 Audit Locations 82% Pass Rate	5,012 Audit Locations 92.88% Pass Rate	5,012 Audit Locations 92.88% Pass Rate	Target Met/Exceeded by 3,512 Audit Locations 10.88% Pass Rate

8.1.6.2 - GM-09 - Asset Inspection – Quality Control

As described within the 2023 – 2025 WMP, the target for this initiative was to perform system inspection quality control audits and achieve associated quality pass rates for each asset inspection program. PG&E has included four (4) asset inspection programs within this initiative. The reported quantities for this initiative are taken from PG&E’s Annual Report on Compliance R1 for 2023 Wildfire Mitigation Plan Dated April 25 because the quantities for the desktop components of this initiative were not reported in PG&E’s 2023 Q4 QDR Dated April 16, 2024.

**Quality Control Audits System Inspection Transmission – HFTD (Desktop)**

As described within the 2023 – 2025 WMP, PG&E planned to conduct desktop quality control audits for system inspection transmission – HFTD inspections for 20,000 audit locations with a 90% pass rate. Per PG&E’s Annual Report on Compliance R1 for 2023 Wildfire Mitigation Plan Dated April 25, 2024, provided in DRU13451, PG&E reported completion of desktop quality control audits for system inspection transmission – HFTD inspections for 20,988 locations with a pass rate of 99.2%. As detailed in PG&E’s confidential response to Data Request DRU13192, PG&E provided a list of desktop quality control audits completed for system inspection transmission – HFTD inspections for 20,988 audit locations with a pass rate of 99.2% as summarized below in Table 11. The IE reviewed a sample of 158 desktop quality control audits for system inspection transmission – HFTD inspections. No issues were identified in the review of desktop quality control audits for system inspection transmission – HFTD inspections.

## ***Quality Control Audits System Inspection Transmission – HFTD (Field)***

As described within the 2023 – 2025 WMP, PG&E planned to conduct field quality control audits for system inspection transmission – HFTD inspections for 1,800 audit locations with a 90% pass rate. Per PG&E’s Annual Report on Compliance R1 for 2023 Wildfire Mitigation Plan Dated April 25, 2024, provided in DRU13451, PG&E reported completion of field quality control audits for system inspection transmission – HFTD inspections for 2,006 audit locations with a 99.6 % pass rate. As detailed in PG&E’s confidential response to Data Request DRU13192, PG&E provided a list of field quality control audits completed for system inspection transmission – HFTD inspections for 2,006 audit locations with a pass rate of 99.6% as summarized below in Table 11. The IE reviewed a sample of 63 field quality control audits for system inspection transmission – HFTD inspections. No issues were identified in the review of field quality control audits for system inspection transmission – HFTD inspections.

## ***Quality Control Audits System Inspection Distribution – HFTD (Desktop)***

As described within the 2023 – 2025 WMP, PG&E planned to conduct desktop quality control audits for system inspection distribution – HFTD inspections for 140,000 audit locations with an 80% pass rate. Per PG&E’s Annual Report on Compliance R1 for 2023 Wildfire Mitigation Plan Dated April 25, 2024, provided in DRU13451, PG&E reported completion of desktop quality control audits for system inspection distribution – HFTD inspections for 186,140 audit locations with 93.7% pass rate. As detailed in PG&E’s confidential response to Data Request DRU13192, PG&E provided a list of desktop quality control audits for system inspection distribution – HFTD inspections for 186,140 audit locations with a pass rate of 93.67% as summarized below in Table 11. The IE reviewed a sample of 400 desktop quality control audits for system inspection distribution – HFTD. No issues were identified in the review of desktop quality control audits for system inspection distribution – HFTD inspections.

## ***Quality Control Audits System Inspection Distribution – HFTD (Field)***

As described within the 2023 – 2025 WMP, PG&E planned to conduct field quality control audits for system inspection distribution – HFTD inspections for 30,000 audit locations with an 80% pass rate. Per PG&E’s Annual Report on Compliance R1 for 2023 Wildfire Mitigation Plan Dated April 25, 2024, provided in DRU13451, PG&E reported completion of field quality control audits for system inspection distribution – HFTD inspections for 38,880 audit locations with a 86.1% pass rate. As detailed in PG&E’s confidential response to Data Request DRU13192, PG&E provided a list of field quality control audits for system inspection distribution – HFTD inspections for 38,880 audit locations with a pass rate of 86.1% as summarized below in Table 11. The IE reviewed a sample of 250 field quality control audits for system inspection distribution – HFTD inspections. No issues were

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identified in the review of field quality control audits for system inspection distribution – HFTD inspections.

**Table 11: Asset Inspection – Quality Control Summary**

Description	2023 Target	2023 WMP ARC Report	DRU13192 Response	Summary
QC Audits Transmission Desktop	20,000 Audit Locations 90% Pass Rate	20,988 Audit Locations 99.2% Pass Rate	20,988 Audit Locations 99.2% Pass Rate	Target Met/Exceeded by 988 Audit Locations 9.2% Pass Rate
QC Audits Transmission Field	1,800 Audit Locations 90% Pass Rate	2,006 Audit Locations 99.6% Pass Rate	2,006 Audit Locations 99.6% Pass Rate	Target Met/Exceeded by 206 Audit Locations 9.6% Pass Rate
QC Audits Distribution Desktop	140,000 Audit Locations 80% Pass Rate	186,140 Audit Locations 93.7% Pass Rate	186,140 Audit Locations 93.7% Pass Rate	Target Met/Exceeded by 46,140 Audit Locations 13.7% Pass Rate
QC Audits Distribution Field	30,000 Audit Locations 80% Pass Rate	38,880 Audit Locations 86.1% Pass Rate	38,880 Audit Locations 86.1% Pass Rate	Target Met/Exceeded by 8,880 Audit Locations 6.1% Pass Rate

### 8.1.7.1 - GM-02 - HFTD-HFRA Open Tag Reduction - Transmission

Data was gathered to assess initiative GM-02 to WMP section 8.1.7.1 to complete all past due HFTD and HFRA ignition-related Transmission asset work orders (notifications/tags) found before 2023 to ensure reliable safety of PG&E's electrical transmission network.

Data collected in response to requests regarding the initiative were made to evaluate progress made towards meeting the initiative targets. A list of 16,831 Corrective Work Form Electric -Transmission Line reports was provided for review in utility response DRU13283, which aligned with the quantity referenced in the WMP. Based on this list, 158 inspection reports were selected for review based on a modified ANSI Z1.4 sample size and detailed reviews were conducted targeting HFRA (3%), HFTD Tier 2 (7%) and HFTD Tier 3 (90%) locations distributed across the geographic areas. These reports were sent in utility response DRU13512. In response to the data request for reports, the sample size was modified down to 157, citing an error in reading the spreadsheet where the header row was erroneously

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counted. The 157 individual PDF files were named for the Line Corrective Notification (LC) number, otherwise referred to as the tag or notification number.

The review covered a detailed examination of the reports, ensuring consistency and accuracy. Reports documented the tracking of the tag from initial notification to current status, as well as the quality control and completed work. Each report contained a Corrective Work Form - Electric Transmission Line which contained multiple data fields, including line name, functional location, equipment, required end date, field notes and long text. The long text detailed the tracking of the tag over time. Many reports included a Transmission OH Construction Completion Standard Checklist. Images were included in some of these reports.

Findings demonstrated consistent formatting and verbiage across all documents, ensuring clarity and ease of understanding. The structure ID, report date, and work order numbers matched the list of 157 reports in the spreadsheet reviewed.

## Findings:

- The structure ID, report date, and work order numbers were generally consistent (1 exception noted below) and matched the list of 157 reports, indicating a thorough tracking process.
- One report number from the list of 157 reports requested did not match the report sent for review. The pdf file was mislabeled; it was a repeat of LC# 120742779 instead of LC# 120745861 as listed on the spreadsheet.
- One report’s status on the spreadsheet did not match the final status on the LC. The spreadsheet noted “DLFL/Downgrade to an F-Priority tag. Required end date change to 6/9/27”, but the final language on the LC stated to disregard previous language and the notification (tag) is cancelled and approved for deletion.
- One report did not note that the work was completed and that the tag was closed or removed; however, a photo was attached to the file showing some completed work. Unable to verify the tag is closed out.
- DRU13283 noted 762 tags were exempted due to external factors with new dates for 2024, therefore reducing the data response to 16,069.
- Five reports were incomplete/open with a completion date marked for 2024; however, each of these received a Field Safety Reassessment (FSR).

**Table 12: HFTD-HFRA Open Tag Reduction - Transmission Summary**

Description	2023 Target	2023 WMP ARC Report	DRU13512 Response	Summary
Open Work Orders - Transmission	16,831 Tags	16,069 Tags	16,069 Tags	Target Substantially Met

## 8.1.7.2 - GM-03 - HFTD-HFRA Open Tag Reduction – Distribution Backlog

Data was gathered to assess initiative 8.1.7.2 in the Wildfire Mitigation Plan (WMP), focusing on the closure of Electrical Corrective (EC) notifications and determination of ignition risks to enhance wildfire safety. This initiative aims to address the backlog of maintenance tags for distribution facilities within High Fire Threat Districts (HFTD) and High Fire Risk Areas (HFRA). Data sets DRU13285 and DRU13505 were provided for review to evaluate progress towards meeting the initiative's targets.

The DRU13285 data response included multiple attachments. Utility Standard RISK-6301S outlined the Quality Management Audit Standard, detailing approval processes, audit plans, methodologies, and program overviews. A spreadsheet of 60,503 locations was provided, from which a subset of 250 locations were chosen for detailed review based on their presence in HFTD prioritizing Tier 3, as well as geographical consideration. Details from the 250 locations from Palantir Foundry were provided in data response DRU13505. Locations shown with a SAP notification cancel status were justified either due to already completed work or other reasons aligned with the WMP initiative. These cancellations were included in the record progress of reducing open EC notifications per the WMP Initiative Life Cycle Documentation. Utility Standard TD-7201S clarified the Wildfire Distribution Risk Model (WDRM) used to score open tags, aligning with WMP Appendix B.3, which outlines a high-level calculation procedure incorporating inputs like topography, land use, and equipment properties to model equipment failure based on weather variables, thereby predicting ignition likelihood. The standard outlined risk probability and standardized wildfire risk management across PG&E's programs, and established categorizing wildfire consequence levels from low (up to the 80th percentile) to extreme (above the 99th percentile).

The data reviewed appears to align with the overarching strategies outlined in PG&E's Wildfire Mitigation Plan (WMP) to manage and mitigate ignition risks, particularly in high-risk areas. The use of the Wildfire Distribution Risk Model (WDRM) establishes that PG&E's risk assessments use standardized, data-driven methodologies, with the potential to enhance abilities to track and predict potential ignitions. The metrics and documentation reviewed support the assessed reduction in risk units from 151.1 to 72.5. The extensive list of EC notifications demonstrates PG&E's systematic approach to identifying, tracking, updating, and closing high-risk ignition points.

Table 13: HFTD-HFRA Open Tag Reduction – Distribution Backlog Summary

Description	2023 Target	2023 WMP ARC Report	DR13505 Response	Summary
HFTD-HFRA Open Tag Reduction - Distribution Backlog	48.0% Reduction	52.2% Reduction	60,503 EC notifications 250 Foundry Status Reports	Target Met

8.2.2.1.1 - VM-01 - LiDAR Data Collection – Transmission

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to collect 17,500 circuit miles of LiDAR data of the Transmission System. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the Collection of LiDAR data for 17,817 circuit miles of the transmission system. As detailed within PG&E's confidential response to Data Request DRU13224, PG&E provided a list of LiDAR data collected for 17,741.31 circuit miles of the transmission system as summarized below in Table 14. The IE reviewed a sample of the detections identified from the lidar data collected for 162.92 circuit miles of the Transmission System. No issues were identified in the review of the detections identified from the LiDAR data collected of the Transmission System.



Figure 20: The Union Democrat article regarding PG&E Helicopter LiDAR inspections (Appendix B Item No. 4)



Table 14: LiDAR Data Collection – Transmission Summary

Description	2023 Target	2023 Q4 QDR	DRU13224 Response	Summary
Lidar Data Collection - Transmission	17,500 Circuit Miles	17,817 Circuit Miles	17,741.31 Circuit Miles	Target Met/Exceeded by 241.31 Circuit Miles

Although there is a 75.7 circuit mile difference between the totals for LiDAR data collection for the transmission system completed as reported in the Q4 QDR Report for the 2023 - 2025 WMP and the documentation provided in the response to Data Request DRU13224, since both totals exceed the target, the IE confirms that PG&E met the target for this initiative for 2023

8.2.2.1.1 - VM-13 - Routine Transmission – Ground

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to complete Routine Transmission Ground inspection of 17,740 circuit miles as defined by Transmissions Routine LiDAR detection point data systemwide. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of 18,172.4 circuit miles of inspections. As detailed within PG&E's confidential response to Data Request DRU13274, PG&E provided a workbook of the circuit miles of Routine Transmission Ground inspections, as summarized below in Table 15. There appears to be a slight discrepancy in the total mileage provided in this workbook for inspections completed: The *Summary* tab indicates a total of 18,172.0 circuit miles while the *18172.0\_SystemLineItems* tab indicates a total of 18,171.75 circuit miles. The discrepancy may be attributed to rounding on the *Summary* tab. Both are slightly different than 18,172.4 circuit miles as PG&E reported in the 2023 Q4 QDR. As detailed within PG&E's confidential response to Data Request DRU13588, PG&E provided a workbook detailing the completed Routine Transmission Ground inspections for approximately 167.6 circuit miles of sample locations. The IE reviewed the sample of 167.6 circuit miles of Routine Transmission Ground inspections. No issues were identified in the review of the sample Routine Transmission Ground inspections.

Table 15: Routine Transmission – Ground Summary

Description	2023 Target	2023 Q4 QDR	DRU13274 Response	Summary
Routine Transmission – Ground	17,740 Circuit Miles	18,172.4 Circuit Miles	18,171.75 Circuit Miles	Target Met/Exceeded by 431.75 Circuit Miles

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Although there is a 0.65 circuit mile difference between the totals for Routine Transmission Ground Inspections as reported in the Q4 QDR Report for the 2023 - 2025 WMP and the documentation provided in the response to Data Request DRU13274, since both totals exceed the target, the IE confirms that PG&E met the target for this initiative for 2023.

## 8.2.2.1.2 - VM-14 - Transmission Second Patrol

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to complete Transmission Second Patrol inspection of 5,625 circuit miles dependent on remote sensing (ORTHO Imagery). Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of 5,681 circuit miles of inspections. As detailed within PG&E's confidential response to Data Request DRU13286, PG&E provided a table of the 5,681 circuit miles of completed Transmission Second Patrol inspections, as summarized below in Table 16. As detailed within PG&E's confidential response to Data Request DRU13591, PG&E provided a workbook of the detections and Transmission Second Patrol inspections that occurred at 108.3 circuit miles of sample locations as a result of the Transmission Routine Ground inspections. The IE reviewed the sample of 108.3 circuit miles of Transmission Second Patrol inspections. No issues were identified in the review of the Transmission Second Patrol inspections.

**Table 16: Transmission Second Patrol Summary**

Description	2023 Target	2023 Q4 QDR	DRU13286 Response	Summary
Transmission Second Patrol	5,625 Circuit Miles	5,681 Circuit Miles	5,681 Circuit Miles	Target Met/Exceeded by 56 Circuit Miles

## 8.2.2.1.3 - VM-15 - Integrated Vegetation Management - Transmission

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to complete integrated vegetation management and fee inspections of 11,194 acres of ROW across the transmission system. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of integrated vegetation management and fee inspections of 11,742 acres of ROW across the transmission System. As detailed within PG&E's confidential response to Data Request DRU13288, PG&E provided a list of integrated vegetation management and fee inspections completed of 13,019.03 acres of ROW across the transmission system as summarized below in Table 17. The IE reviewed a sample of the integrated vegetation management and fee inspections completed for 216.36 acres of ROW across the transmission system. No issues were identified in the review of the

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integrated vegetation management and fee inspections completed for ROW across the transmission system.

**Table 17: Integrated Vegetation Management - Transmission Summary**

Description	2023 Target	2023 Q4 QDR	DRU13288 Response	Summary
Integrated Vegetation Management and Fee Inspections	11,194 Acres	11,742 Acres	13,019.03 Acres	Target Met/ Exceeded by 1825.03 Acres

### 8.2.2.2.1 - VM-16 - Distribution Routine Patrol

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to complete Distribution Routine Annual Patrol inspection of 79,000 overhead circuit miles system wide. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of 79,950.2 circuit miles of inspections. As detailed within PG&E's confidential response to Data Request DRU13292, PG&E provided a workbook of Distribution Routine Annual Patrol inspections performed on 79,950.28 overhead circuit miles system wide, as summarized below in Table 18. The slight discrepancy between this number and what PG&E reported in the 2023 Q4 QDR may be attributed to a rounding error. As detailed within PG&E's confidential response to Data Request DRU13595, PG&E provided three (3) workbooks of the Distribution Routine Annual Patrol inspections and prescriptions that occurred at 260.1 circuit miles of sample locations (per IE data request DR035.1). Three (3) workbooks were provided due to PG&E transitioning between the legacy database and the new One VM database in 2023 and one project as included on a separate workbook. No mileage was included in any of the workbooks provided by PG&E; however, prescription data was provided for all sample projects requested in IE data request DR035.1. The IE reviewed the sample of 260.1 circuit miles of Distribution Routine Annual Patrol inspections and prescriptions. No issues were identified in the review of the sample Distribution Routine Annual Patrol inspections.

**Table 18: Distribution Routine Patrol Summary**

Description	2023 Target	2023 Q4 QDR	DRU13292 Response	Summary
Routine Patrol – Distribution	79,000 Circuit Miles	79,950.2 Circuit Miles	79,950.28 Circuit Miles	Target Met/ Exceeded by 950.28 Circuit Miles

## 8.2.2.2.2 - VM-17 - Distribution Second Patrol

As described within the 2023 - 2025 WMP (Revised Table 7-3-2), PG&E's target for this initiative was to complete the Distribution Second Patrol inspection of 43,600 circuit miles that are in the following map layers FHSZ, WUI, SRA, FRA, HFTD, and HFRA locations. However, per PG&E's 2023 Annual Report on Compliance, Revision 1 (R1), for the 2023-2025 Wildfire Mitigation Plan (WMP) Dated April 25, 2024, provided in DRU13413, PG&E noted the following: "Please note that the correct target number for VM-17 is 43,000 circuit miles and not 43,600 circuit miles. The 43,600 number was a typographical error that appears only in Table 7-3-2 of our 2023-2025 WMP. However, the correct target number of 43,000 circuit miles was properly identified in (1) Table 8-14 of our 2023-2025 WMP; (2) Table 8-15 of our 2023-2025 WMP; (3) Table RN-PG&E-23-06-01 of our Revision Notice response; (4) Table RN-PG&E-23-06-01 of our Revision Notice response; (5) Table 1 of PG&E 2023 Q3 QDR; and (6) Table 1 of PG&E 2023 Q4 QDR."

Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of 43,222 circuit miles of inspections. As detailed within PG&E's confidential response to Data Request DRU13293, PG&E provided a table of the 43,222 circuit miles of completed Distribution Second Patrol inspections in FHSZ, WUI, SRA, FRA, HFTD, and HFRA locations, as summarized below in Table 19. As detailed within PG&E's confidential response to Data Request DRU13597, PG&E provided two (2) workbooks of the Distribution Second Patrol inspections that occurred at 263.25 circuit miles of sample locations (per IE data request DR036.1). Two (2) workbooks were provided due to PG&E transitioning between the legacy database and the new One VM database in 2023.

As noted, the total mileage provided in workbook DRU13597\_Q01\_Atch02\_VM-17\_OneVM Sample\_CONF.xlsx was shown to be 243.1 circuit miles, and per PG&E's clarification email to VM-17 DR036.1 on June 10, 2024, PG&E indicated that the DRU13293 provided attachment was an extraction from PG&E's PMD system which was the system of record for 2023. However, since PG&E transitioned into the One VM System and in response to the IE's sampling request, PG&E provided the sample records from the new One VM system. The mileage between the PMD system (system of record for 2023) and One VM mileage does not match as described below from PG&E's clarification email:

- "PMD mileage - PMD project mileage is a manual entry field and it is entered by the local Operations Team. This field is subject to user error or interpretation. In the past, the Operations Team used PG&E GIS circuit mileage data to annually update the mileage on the PMD projects. But the GIS data was only accurate for PMD projects that were 1:1 circuit to project. Many projects contain partial circuits, or parts of multiple circuits, so it would be up to Operations to adjust for this nuance."

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- “One VM Mileage - The One VM spans were created by bringing in EDGIS poles and snapping a line between two poles. The mileage is then calculated in GIS by measuring the line segment between the poles. One VM was not the system of record for capturing line miles for the 2023 plan year.”

The IE reviewed the samples provided for the Distribution Second Patrol inspections from the One VM database, and no issues were identified in the review of the Distribution Second Patrol inspections.

**Table 19: Distribution Second Patrol Summary**

Description	2023 Target	2023 Q4 QDR	DRU13293 Response	Summary
Second Patrol - Distribution	43,000 Circuit Miles	43,222 Circuit Miles	43,222 Circuit Miles	Target Met/ Exceeded by 222 Circuit Miles

### 8.2.2.2.5 - VM-03 - Focused Tree Inspection Program

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to complete focus tree inspections of 250 Circuit Miles in defined Areas of Concern (AOC) locations to better focus VM efforts to address high risk areas that have experienced higher volumes of vegetation damage during PSPS events, outages, and/or ignitions. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of 266.6 circuit miles of focus tree inspections. However, per PG&E's 2023 Annual Report on Compliance, Revision 1 (R1), for the 2023-2025 Wildfire Mitigation Plan (WMP) Dated April 25, 2024, provided in DRU13413, PG&E reported that the final annual value for this initiative was updated from 266.6 circuit miles to 273.78 circuit miles. As detailed within PG&E's confidential response to Data Request DRU13228, PG&E provided a table of the 273.78 circuit miles of focus tree inspections in the defined AOC locations of North Coast Napa\_AOC\_03, Sierra El Dorado\_AOC\_02, North Valley Butte\_AOC\_02, and Central Valley Calaveras\_AOC\_04 as summarized below in Table 20. As detailed within PG&E's confidential response to Data Request DRU13583, PG&E provided a table detailing the work prescribed as a result of the focus tree inspections for approximately 16.0 miles of sample locations. The IE reviewed the sample of 16.0 circuit miles of focus tree inspections. No issues were identified in the review of the focus tree inspections reported for the AOC locations.

**Table 20: Focused Tree Inspection Program Summary**

Description	2023 Target	2023 Q4 QDR	DRU13228 Response	Summary
Focused Tree Inspection Program	250 Circuit Miles	266.6 Circuit Miles	273.78 Circuit Miles	Target Met/Exceeded by 23.78 Circuit Miles

8.2.2.3.1 - VM-05 - Defensible Space Inspections - Distribution Substation

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to complete defensible space inspections in alignment with the guidelines set forth in LAND 4001P-01 at 131 distribution substations. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of defensible space inspections at 131 distribution substations. As detailed within PG&E's confidential response to Data Request DRU13228, PG&E provided a table of the 131 distribution substations with inspection completion dates, as summarized below in Table 21. As detailed within PG&E's confidential response to Data Request DRU13572, PG&E provided inspection completion records for 10 of the distribution substations. The IE reviewed the sample of 10 inspection completion records. No issues were identified in the review of the defensible space inspections of the 10 distribution substations.

**Table 21: Defensible Space Inspections - Distribution Substation Summary**

Description	2023 Target	2023 Q4 QDR	DRU13247 Response	Summary
Defensible Space Inspections	131 Distribution Substations	131 Distribution Substations	131 Distribution Substations	Target Met

8.2.5 - VM-08 - Vegetation Management – Quality Verification

As described within the 2023 – 2025 WMP, the target for this initiative was to perform vegetation management quality assurance audits on quality control completed locations and achieve the associated quality pass rates for each vegetation management program. PG&E has included three (3) vegetation management programs within this initiative.

## ***Quality Verification Audits Routine Distribution Vegetation Management***

As described within the 2023 – 2025 WMP, PG&E planned to conduct quality assurance audits for distribution vegetation management for 2,500 audit locations with a 95% pass rate. PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported completion of quality assurance audits for distribution vegetation management for 4,285 audit locations with a 99.75% pass rate. As detailed in PG&E's confidential response to Data Request DRU13192, PG&E provided a list of quality assurance audits for distribution vegetation management for 4,285 audit locations with a 99.75% pass rate as summarized below in Table 22. The IE reviewed a sample of 100 quality assurance audits for distribution vegetation management. No issues were identified in the review of quality assurance audits for distribution vegetation management.

## ***Quality Verification Audits Routine Distribution Vegetation Management***

As described within the 2023 – 2025 WMP, PG&E planned to conduct quality assurance audits for transmission vegetation management for 1,200 audit locations with a 95% pass rate. PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported completion of quality assurance audits for transmission vegetation management for 2,038 audit locations with a 99.93% pass rate. As detailed in PG&E's confidential response to Data Request DRU13192, PG&E provided a list of quality assurance audits for transmission vegetation management for 2,038 audit locations with a 99.93% pass rate as summarized below in Table 22. The IE reviewed a sample of 63 quality assurance audits for transmission vegetation management. No issues were identified in the review of quality assurance audits for transmission vegetation management.

## ***Quality Verification Audits Vegetation Control Pole Clearing - HFTD***

As described within the 2023 – 2025 WMP, PG&E planned to conduct quality assurance audits for vegetation control pole clearing for 1,800 audit locations with a 95% pass rate. PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported completion of quality assurance audits for vegetation control pole clearing for 2,284 audit locations with a 99.04% pass rate. As detailed in PG&E's confidential response to Data Request DRU13192, PG&E provided a list of quality assurance audits for vegetation control pole clearing for 2,284 audit locations with a 99.03% pass rate as summarized below in Table 22. The IE reviewed a sample of 63 quality assurance audits for vegetation control pole clearing. No issues were identified in the review of quality assurance audits for vegetation control pole clearing.

Table 22: Vegetation Management – Quality Verification Summary

Description	2023 Target	2023 WMP ARC Report	DR13413 Response	Summary
Quality Verification – Distribution	2,500 Audit Locations 95% Pass Rate	4,285 Audit Locations 99.75% Pass Rate	4,285 Audit Locations 99.75% Pass Rate	Target Met/Exceeded by 1,785 Audit Locations 4.75% Pass Rate
Quality Verification – Transmission	1,200 Audit Locations 95% Pass Rate	2,038 Audit Locations 99.93% Pass Rate	2,038 Audit Locations 99.93% Pass Rate	Target Met/Exceeded by 838 Audit Locations 4.93%
Quality Verification – Pole Clearing	1,800 Audit Locations 95% Pass Rate	2,284 Audit Locations 99.04% Pass Rate	2,284 Audit Locations 99.04% Pass Rate	Target Met/Exceeded by 484 Audit Locations 4.04% Pass Rate

8.2.5.2 - VM-22 - Vegetation Management - Quality Control

As described within the 2023 – 2025 WMP, the target for this initiative was to perform vegetation management quality control audits and achieve the associated quality pass rates for each vegetation management program. PG&E has included three (3) vegetation management programs within this initiative.

**Quality Control Audits Routine Distribution Vegetation Management - HFTD**

As described within the 2023 – 2025 WMP, PG&E planned to conduct quality control audits for routine distribution vegetation management for 75,000 audit locations with an 80% pass rate. Per PG&E’s Annual Report on Compliance R1 for 2023 Wildfire Mitigation Plan Dated April 25, 2024, provided in DRU13451, PG&E reported PG&E reported completion of quality control audits for routine distribution vegetation management for 80,877 audit locations with an 85.7% pass rate. As detailed in PG&E’s confidential response to Data Request DRU13294, PG&E provided a list of quality control audits for routine distribution vegetation management for 80,877 audit locations with an 85.7% pass rate as summarized below in Table 23. The IE reviewed a sample of 250 quality control audits for routine distribution vegetation management. No issues were identified in the review of quality control audits for routine distribution vegetation management.



## **Quality Control Audits Transmission Vegetation Management - HFTD**

As described within the 2023 – 2025 WMP, PG&E planned to conduct quality control audits for transmission vegetation management for 12,500 audit locations with an 88% pass rate. Per PG&E’s Annual Report on Compliance R1 for 2023 Wildfire Mitigation Plan Dated April 25, 2024, provided in DRU13451, PG&E reported PG&E reported completion of quality control audits for transmission vegetation management for 17,063 audit locations with a pass rate of 92.9%. As detailed in PG&E’s confidential response to Data Request DRU13294, PG&E provided a list of quality control audits for transmission vegetation management for 17,063 audit locations with a pass rate of 92.9% as summarized below in Table 23. The IE reviewed a sample of 158 quality control audits for transmission vegetation management. No issues were identified in the review of quality control audits for transmission vegetation management.

## **Quality Control Audits Vegetation Control Pole Clearing- HFTD**

As described within the 2023 – 2025 WMP, PG&E planned to conduct quality control audits for vegetation control pole clearing for 10,500 audit locations with an 80% pass rate. Per PG&E’s Annual Report on Compliance R1 for 2023 Wildfire Mitigation Plan Dated April 25, 2024, provided in DRU13451, PG&E reported PG&E reported completion of quality control audits for vegetation control pole clearing for 10,791 audit locations with an 86.1% pass rate. As detailed in PG&E’s confidential response to Data Request DRU13294, PG&E provided a list of quality control audits for vegetation pole clearing for 10,791 audit locations with an 86.1% pass rate as summarized below in Table 23. The IE reviewed a sample of 158 quality control audits for vegetation control pole clearing. No issues were identified in the review of quality control audits for vegetation control pole clearing.

**Table 23: Vegetation Management - Quality Control Summary**

Description	2023 Target	2023 WMP ARC Report	DR13294 Response	Summary
Quality Control Distribution	75,000 Audit Locations 80% Pass Rate	80,877 Audit Locations 85.7% Pass Rate	80,877 Audit Locations 85.7% Pass Rate	Target Met/Exceeded by 5,877 Audit Locations 5.7% Pass Rate
Quality Control Transmission	12,500 Audit Locations 88% Pass Rate	17,063 Audit Locations 92.9% Pass Rate	17,063 Audit Locations 92.9% Pass Rate	Target Met/Exceeded by 4,563 Audit Locations 4.9% Pass Rate

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Quality Control Pole Clearing	10,500 Audit Locations 80% Pass Rate	10,791 Audit Locations 86.1% Pass Rate	10,791 Audit Locations 86.1% Pass Rate	Target Met/Exceeded by 291 Audit Locations 6.1% Pass Rate
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### 8.5.3 - PS-06 - Provide 12,000 new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS

Data was gathered to assess initiative PS-06 to WMP section 8.5.3 for the distribution of portable batteries to enhance the resilience and safety of PG&E's Access and Functional Needs (AFN) populations during emergencies, particularly wildfires and Public Safety Power Shutoffs (PSPS) events. Data collected in response to requests regarding the initiative were made to provide insight into the progress towards meeting the initiative targets. Data sets DRU13205 and DRU13517 were provided for review.

The DRU13205 data response included report data on 4,700 batteries associated with 3,835 customer accounts. The locations were managed by five program contractors, with the contractor identified as RHA servicing over half the locations. Approximately one-sixth of the customers were qualified through the California Foundation for Independent Living Centers (CFILC) based on medical or independent living needs. The emphasis was on customers in High Fire Threat Districts (HFTD), although the data did not distinguish between HFTD 2 and HFTD 3.

The DRU13517 data response contained 100 Battery "Enrollment Waiver and Release of Liability Agreement" documents signed by equipment recipients. Some of the documents were titled "Agreement to Accept Equipment and Release of Liability Form" depending on the contractor, and all waivers were generally between 1 page and 6 pages long. Of the 100 waiver forms that were reviewed, 100% of them identified PG&E customers, the program managers, customer contact information, equipment serial numbers, and the equipment, and were signed by both parties. The waivers identified in list format under vendor RHA identified various installers in the signed waiver documents. All waiver documents reviewed contained equipment serial numbers that could be referenced to the waiver list.

The total of 4,700 batteries distributed exceeded the WMP goal of 4,000 batteries. The initiative appears to have identified and prioritized vulnerable customers based on medical and independent living needs, as well as their location in HFTDs. The signed waiver documents were able to show verification of all intended equipment distribution. This initiative aligns with PG&E's broader strategy to support AFN customers by providing critical resources during PSPS events.

**Table 24: Provide 12,000 new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS Summary**

Description	2023 Target	2023 Q4 QDR	DRU13205, DRU13517 Response	Summary
Provide 12,000 new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS	4,000 Batteries	4,700 Batteries	4,700 Batteries	Target Met/Exceeded by 700 Batteries

9.1.5 - PS-07 - PSPS Customer Impact Reduction

(WMP Table 9-5 and PG&E ACI 22-35-1)

PG&E provided documentation that BVNA reviewed to validate completion of the initiative:

- DRU13206\_Q02\_PS-07\_Atch01\_Define EDRS\_CONF.pdf
- DRU13206\_Q01\_PS-07\_Atch01\_PSPS Customer Impact Reduction.xlsx

Within the Customer Impact Reduction spread sheet PG&E explains that in order to meet the targets of the initiative they must complete a combination of undergrounding and MSO (motorized switch operator) replacement.

- 15,629 customer counts mitigated in 2023, exceeding the WMP target of 15,000. (DRU13206\_Q01\_PS-07\_Atch01\_PSPS Customer Impact Reduction.xlsx - 2023 Customers Mitigated tab)
- 21 MSO replacements must be completed, and 21 MSO Replacements were completed in 2023. (DRU13206\_Q01\_PS-07\_Atch01\_PSPS Customer Impact Reduction.xlsx - 2023 MSO Final Attainment tab)
- 364 miles were undergrounded with a target of 350 (DRU13206\_Q01\_PS-07\_Atch01\_PSPS Customer Impact Reduction.xlsx - 2023 UG Final Attainment tab)

The documentation provided by PG&E supports that this initiative has met the 2023 target.

**Table 25: PSPS Customer Impact Reduction Summary**

Description	2023 Target	2023 Q4 QDR	DRU13206 Response	Summary
PSPS Customer Impact Reduction	15,000 customer counts, 21 MSO replacements, 350 miles undergrounded	15,672 customer counts, 21 MSO replacements, 350 miles undergrounded	15,629 customer counts, 21 MSO replacements, 364 miles undergrounded	Target Met/Exceeded by 629 Customers

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**Table 26: Large Volume Quantifiable Goal/Target – Not Field Verifiable Summary Table**

Initiative Number/ID	Initiative Name	Population Size/Target	Sample Size	#, % Verified	#, % Verification Failed
8.1.3.1.1 - AI-02	Detailed Inspection Transmission – Ground	27,000 Ground Inspections	158 Ground Inspections	158, 100%	0, 0%
8.1.3.1.2 - AI-04	Detailed Inspection Transmission – Aerial	24,000 Aerial Inspections	158 Aerial Inspections	158, 100%	0, 0%
8.1.3.1.3 - AI-05	Detailed Inspection Transmission – Climbing	1,700 Climbing Inspections	63 Climbing Inspections	63, 100%	0, 0%
8.1.3.1.4 - AI-06	Perform Transmission Infrared Inspections	4,000 Circuit Miles	100 Circuit Miles	100, 100%	0, 0%
8.1.3.2.1 - AI-07	Detailed Ground Inspections - Distribution	234,648 Distribution Poles	400 Distribution Poles	400, 100%	0, 0%
8.1.6.1 - GM-01	Asset Inspections - Quality Assurance – Transmission Ground	500 Audit Locations	63 Audit Locations	63, 100%	0, 0%
8.1.6.1 - GM-01	Asset Inspections - Quality Assurance – Distribution Ground	1,500 Audit Locations	100 Audit Locations	100, 100%	0, 0%
8.1.6.2 - GM-09	Asset Inspection – Quality Control – Transmission Desktop	20,000 Audit Locations	158 Audit Locations	158, 100%	0, 0%
8.1.6.2 - GM-09	Asset Inspection – Quality Control – Transmission Field	1,800 Audit Locations	63 Audit Locations	63, 100%	0, 0%
8.1.6.2 - GM-09	Asset Inspection – Quality Control – Distribution Desktop	140,000 Audit Locations	400 Audit Locations	400, 100%	0, 0%
8.1.6.2 - GM-09	Asset Inspection – Quality Control – Distribution Field	30,000 Audit Locations	250 Audit Locations	250, 100%	0, 0%

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Initiative Number/ID	Initiative Name	Population Size/Target	Sample Size	#, % Verified	#, % Verification Failed
8.1.7.1 - GM-02	HFTD-HFRA Open Tag Reduction - Transmission	16,831 Open Transmission Tags	158 Open Transmission Tags	158, 100%	0, 0%
8.1.7.2 - GM-03	HFTD-HFRA Open Tag Reduction – Distribution Backlog	48% Open Distribution Tags	250 Open Distribution Tags	250, 100%	0, 0%
8.2.2.1.1 - VM-01	LiDAR Data Collection - Transmission	17,500 Circuit Miles	162.92 Circuit Miles	162.92, 100%	0, 0%
8.2.2.1.1 - VM-13	Routine Transmission – Ground	17,740 Circuit Miles	167.6 Circuit Miles	167.6, 100%	0, 0%
8.2.2.1.2 - VM-14	Transmission Second Patrol	5,625 Circuit Miles	108.3 Circuit Miles	180.3, 100%	0, 0%
8.2.2.1.3 - VM-15	Integrated Vegetation Management - Transmission	11,194 Acres	216.36 Acres	216.36, 100%	0, 0%
8.2.2.2.1 - VM-16	Distribution Routine Patrol	79,000 Circuit Miles	260.1 Circuit Miles	260.1, 100%	0, 0%
8.2.2.2.2 - VM-17	Distribution Second Patrol	43,000 Circuit Miles	243.1 Circuit Miles	243.1, 100%	0, 0%
8.2.2.2.5 - VM-03	Focused Tree Inspection Program	250 Circuit Miles	16.0 Circuit Miles	16.0, 100%	0, 0%
8.2.2.3.1 - VM-05	Defensible Space Inspections - Distribution Substation	131 Substations	10 Substations	10, 100%	0, 0%
8.2.5 - VM-08	Vegetation Management – Quality Verification - Distribution	2,500 Audit Locations	100 Audit Locations	100, 100%	0, 0%
8.2.5 - VM-08	Vegetation Management – Quality Verification - Transmission	1,200 Audit Locations	63 Audit Locations	63, 100%	0, 0%
8.2.5 - VM-08	Vegetation Management –	1,800 Audit Locations	63 Audit Locations	63, 100%	0, 0%

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Initiative Number/ID	Initiative Name	Population Size/Target	Sample Size	#, % Verified	#, % Verification Failed
	Quality Verification – Pole Clearing				
8.2.5.2 - VM-22	Vegetation Management - Quality Control – Routine Distribution	75,000 Audit Locations	250 Audit Locations	250, 100%	0, 0%
8.2.5.2 - VM-22	Vegetation Management - Quality Control - Transmission	12,500 Audit Locations	158 Audit Locations	158, 100%	0, 0%
8.2.5.2 - VM-22	Vegetation Management - Quality Control – Pole Clearing	10,500 Audit Locations	158 Audit Locations	158, 100%	0, 0%
8.5.3 - PS-06	Provide 12,000 new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS	4,000 Portable Batteries	100 Portable Batteries	100, 100%	0, 0%
9.1.5 - PS-07	PSPS Customer Impact Reduction	15,000 Customer Events	158 Customer Events	158, 100%	0, 0%

**3.1.2.3 Small (less than 100 times) Volume Quantifiable Goal/Target**

Pursuant to the Final IE Scope of Work for the Review of Compliance with 2023 WMP, PG&E provided a complete list of all 2023 WMP activities classified as Small (Less than 100 units) Volume Quantifiable Goal/Target that were conducted in 2023. These 2023 WMP activities identified within the Small Volume list were assessed in this section and presented below by each initiative.

8.1.2.5.1 - GH-05 - System Hardening – Transmission

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to remove or replace 43 circuit miles of transmission conductor on lines. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the removal or replacement of 56.4 circuit miles of transmission conductor on lines. As detailed within PG&E's confidential response to Data Request DRU13258, PG&E provided a list of 57.49 transmission circuit miles removed or replaced as summarized below in Table 27. The IE reviewed a sample of the as-builts for 15.58 circuit miles of transmission conductor removed or replaced. No issues were identified in the review of the as-builts for the removal or replacement of transmission conductor.

**Table 27: System Hardening - Transmission Summary**

Description	2023 Target	2023 Q4 QDR	DRU13258 Response	Summary
System Hardening – Transmission	43 Circuit Miles	56.4 Circuit Miles	57.49 Circuit Miles	Target Met/Exceeded by 14.49 Circuit Miles

8.1.2.5.1 - GH-06 - System Hardening - Transmission Shunt Splices

As described within the 2023 - 2025 WMP, PG&E's target for this initiative for 2023 was to install 20 shunt splices on transmission lines. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of 20 shunt splices on transmission lines. As detailed within PG&E's confidential response to Data Request DRU13259, PG&E provided a list of 20 shunt splices completed as summarized below in Table 28. The IE reviewed a sample of the as-builts for 3 shunt splices. No issues were identified in the review of the as-builts for the installation of shunt splices for transmission.

**Table 28: System Hardening - Transmission Shunt Splices Summary**

Description	2023 Target	2023 Q4 QDR	DRU13259 Response	Summary
Transmission Shunt Splices	20 Transmission Lines	20 Transmission Lines	20 Transmission Lines	Target Met

8.1.2.8.1 - GH-07 - Distribution Protective Devices

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to Install and SCADA commission 75 new SCADA protective devices. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported installation and SCADA commissioning of 76 new SCADA protective devices. As detailed within PG&E's confidential response to Data Request DRU13263, PG&E provided a list of 76 SCADA protective devices installed and commissioned in 2023 as summarized below in Table 29. The IE reviewed a sample of the as-builts and SCADA release letters for 10 SCADA protective devices installed and commissioned in 2023. No issues were identified in the review of the as-builts and SCADA release letters for the new SCADA protective devices.

**Table 29: Distribution Protective Devices Summary**

Description	2023 Target	2023 Q4 QDR	DRU13263 Response	Summary
Distribution Protective Devices	75 Protective Devices	76 Protective Devices	76 Protective Devices	Target Met/Exceeded by 1 Protective Device

8.1.2.10.3 - GH-09 - Distribution Line Motor Switch Operator (MSO) - Replacements

Data was gathered to assess initiative GH-09 to WMP section 8.1.2.10.3 to replace MSO switches that were reported to exhibit an arc flash during operation with reclosers, subsurface equipment, and other vacuum switch equipment that is approved for current usage in HFTD.

Data collected in response to requests regarding the initiative were made to evaluate progress made towards meeting the initiative targets. A list of 21 replaced MSO switches was provided for review in utility response DRU13269, which aligned with almost half of the total quantity of 47 scheduled for replacement through 2024 as referenced in the WMP and



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listed on the provided spreadsheet titled “2023 & 2024 Work Plan”. Based on this list, 3 installations were selected for review based on a modified ANSI Z1.4 sample size and detailed reviews were conducted targeting HFTD Tier 2 and HFTD Tier 2/3 locations distributed across the geographic areas. One report was sent in utility response DRU13269, and the additional 2 were sent in DRU13701. Documentation was in the form of the Distribution Overhead Construction Completion Standards Checklist, the SCADA release letter for the relevant job number and Utility Bulletin TD-076253-B006, De-Energized Operation of Inertia SCADA MSO & Legacy MSO.

The review covered a detailed examination of the reports, ensuring consistency and accuracy. Reports documented the installation, testing, quality control and approval of commissioned work. Findings demonstrated consistent formatting and numerical assignment identifiers across all documents. The reviewed MSO replacements matched the job order (PM) numbers, location and completion date of the 3 sample reports from the spreadsheet.

## Findings:

- The address/GPS location, report date, device type and work order numbers were consistent and matched the list of 21 replaced switches, indicating a thorough tracking process.
- No noted inconsistencies, exemptions, or justifications for incomplete work.
- PG&E’s MSO Switch replacement guideline has been updated to further mitigate wildfire risk by only allowing replacements to take place on de-energized lines.

**Table 30: Distribution Line Motor Switch Operator (MSO) - Replacements Summary**

Description	2023 Target	2023 Q4 QDR	DRU13269, DRU13701 Response	Summary
MSO Switch Replacements	20 MSO’s	21 MSO’s	21 Reports	Target Met/Exceeded by 1 MSO

### 8.1.3.3.1 - AI-08 - Supplemental Inspections - Substation Distribution

Data was gathered to assess initiative AI-08 to WMP Section 8.1.3.3.1 Distribution substation inspection reports to ensure safety of PG&E’s Distribution facilities.

Data collected in response to requests regarding the initiative was made to evaluate progress made towards meeting the initiative targets. A list of 52 distribution sites was provided for review in utility response, which aligned with the quantity referenced in the WMP.

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PG&E completed supplemental inspections on 52 distribution substations. These inspections are listed as complete once all three types of inspections are done, visual, aerial, and IR. These inspections were completed over the course of all 4 Quarters of 2023.

This initiative information provided the substation names and areas along with inspection completion data. PG&E provided complete and robust documentation as it pertains to the Substation Supplemental Inspection Program. The review covered a detailed examination of the reports, ensuring consistency and accuracy.

Findings demonstrated consistent formatting and verbiage across all documents, ensuring clarity and ease of understanding. Co-located Hydroelectric substations and Transmission & Distribution substations are counted separately as two distinct units.

PG&E has completed this initiative in a suitable manner and met the target of the WMP initiative assigned to it.

**Table 31: Supplemental Inspections - Substation Distribution Summary**

Description	2023 Target	2023 Q4 QDR	DRU13200 Response	Summary
Supplemental Inspections - Substation Distribution	52 Inspections	52 Inspections	52 Inspections	Target Met

### 8.1.3.3.1 - AI-09 - Supplemental Inspections - Substation Transmission

Data was gathered to assess initiative AI-09 to WMP section 8.1.3.3.1 for detailed inspections on thirty-four transmission substations to ensure reliable safety of PG&E's electrical network.

Data collected in response to requests regarding the initiative were made to evaluate progress made towards meeting the initiative targets. A list of thirty-four inspection reports was provided for review in utility response, which aligned with the quantity referenced in the WMP. Based on this list, four inspection reports were selected for review based on a modified ANSI Z1.4 sample size and detailed reviews were conducted in locations distributed across the geographic areas.

The review covered a detailed examination of the reports, ensuring consistency and accuracy.

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Findings demonstrated consistent formatting and verbiage across all documents, ensuring clarity and ease of understanding. PG&E uses electronic inspection forms that have built-in safeguards to help avoid common mistakes. Once an inspector submits a form, it is routed to an Inspection Review specialist (IRS) who ensures its accuracy and completeness. IRS ensures that all assets in a station have been inspected. If an inspection form contains mistakes, the IRS can make applicable corrections or send the form back to the inspector to be revised. After the IRS is satisfied that an inspection has been accurately performed in its entirety, the IRS forwards inspection forms to the Centralized Inspection Review Team (CIRT). CIRT reviews any compelling issues to ensure that any tags have been correctly assigned per published guidance documents. After this review, a notification is triggered in SAP for any necessary corrective work.

This initiative provides for supplemental substation inspections to identify equipment issues and damage that may impact reliability and/or pose wildfire ignition risk. PG&E had a total of 34 Distribution substations to complete per the WMP. These inspections had three parts per inspection to make complete, consisting of ground visual, aerial and IR in all sample cases PG&E has completed all necessary work to make this initiative whole and complete. WMP target for initiative AI-09 has been met.

**Table 32: Supplemental Inspections - Substation Transmission Summary**

Description	2023 Target	2023 Q4 QDR	DRU13217 Response	Summary
Supplemental Inspections - Substation Transmission	34 Inspections	34 Inspections	34 Inspections	Target Met

### 8.1.3.3.1 - AI-10 - Supplemental Inspections - Hydroelectric Substations and Powerhouses

Data was gathered to assess initiative AI-10 to WMP section 8.1.3.3.1 for detailed inspections on 41 Hydroelectric substations to ensure reliable safety of PG&E's electrical network.

Data collected in response to requests regarding the initiative were made to evaluate progress made towards meeting the initiative targets. A list of 41 inspection reports was provided for review in utility response, which aligned with the quantity referenced in the WMP. Based on this list, four inspection reports were selected for review based on a modified ANSI Z1.4 sample size and detailed reviews were conducted in locations distributed across

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the geographic areas. The review covered a detailed examination of the reports, ensuring consistency and accuracy.

Data records show no ground, aerial, or IR inspection dates for the site listed below.

- **Tier 2 PGEN TULE RIVER PH Switchyard Sold**

PG&E completed supplemental Ground, Aerial, and Infrared (IR) inspections on 40 Hydroelectric Generation Substations and Powerhouses. PG&E sold the Tule River Powerhouse (PH) Switchyard in Q2 2023 therefore, only 40 inspections were completed as there were only 40 locations to inspect. Attachment “DRU13219\_Q01\_AI-10\_Atch02\_Tule River Project Sold\_CONF.pdf” evidences the sale of the Tule River Powerhouse Switchyard.

Findings demonstrated consistent formatting and verbiage across all documents, ensuring clarity and ease of understanding. PG&E uses electronic inspection forms that have built-in safeguards to help avoid common mistakes. Once an inspector submits a form, it is routed to an Inspection Review specialist (IRS) who ensures its accuracy and completeness. IRS ensures that all assets in a station have been inspected. If an inspection form contains mistakes, the IRS can make applicable corrections or send the form back to the inspector to be revised. After the IRS is satisfied that an inspection has been accurately performed in its entirety, the IRS forwards inspection forms to the Centralized Inspection Review Team (CIRT). CIRT reviews any compelling issues to ensure that any tags have been correctly assigned per published guidance documents. After this review, a notification is triggered in SAP for any necessary corrective work.

In all sample cases reviewed, PG&E has completed all necessary work to make this initiative whole and complete. WMP target for AI-10 has been met.

**Table 33: Supplemental Inspections - Hydroelectric Substations and Powerhouses Summary**

Description	2023 Target	2023 Q4 QDR	DRU13219 Response	Summary
Supplemental Inspections Hydroelectric Substations and Powerhouses.	41 Inspections	41 Inspections	41 Inspections	Target Met

8.2.2.3.1 - VM-06 - Defensible Space Inspections - Transmission Substation

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to complete defensible space inspections in alignment with the guidelines set forth in LAND 4001P-01 at 55 transmission substations. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of 55 defensible space inspections for transmission substations. As detailed within PG&E's confidential response to Data Request DRU13248, PG&E provided a list of 55 defensible space inspections completed for transmission substations as summarized below in Table 34. The IE reviewed a sample of 10 defensible space inspections for transmission substations. No issues were identified in the review of the defensible space inspections for transmission substations.

**Table 34: Defensible Space Inspections - Transmission Substation Summary**

Description	2023 Target	2023 Q4 QDR	DRU13248 Response	Summary
Defensible Space Inspections – Transmission Substation	55 Inspections	55 Inspections	55 Inspections	Target Met

8.2.2.3.1 - VM-07 - Defensible Space Inspections - Hydroelectric Substations and Powerhouses

As described within the 2023 - 2025 WMP, PG&E's target for this initiative was to complete defensible space inspections in alignment with the guidelines set forth in LAND 5201P-01 at 61 hydroelectric generation substations and powerhouses. Per PG&E's 2023 Q4 QDR Dated April 16, 2024, provided in DRU13413, PG&E reported the completion of 61 defensible space inspections for hydroelectric generation substations and powerhouses. As detailed within PG&E's confidential response to Data Request DRU13250, PG&E provided a list of 61 defensible space inspections completed for hydroelectric generation substations and powerhouses as summarized below in Table 35. The IE reviewed a sample of 10 defensible space inspections hydroelectric for generation substations and powerhouses. No issues were identified in the review of the defensible space inspections for hydroelectric generation substations and powerhouses.

**Table 35: Defensible Space Inspections - Hydroelectric Substations and Powerhouses Summary**

Description	2023 Target	2023 Q4 QDR	DRU13250 Response	Summary
Defensible Space Inspections – Hydroelectric Substations and Powerhouses	61 Inspections	61 Inspections	61 Inspections	Target Met

8.3.3.1 - SA-02 - Line Sensor - Installations

Data was gathered to assess initiative SA-02 to WMP section 8.3.3.3. PG&E plans to install Line Sensors on 120 additional circuits between 2023 and 2025. These new line sensors and other equipment will be predominantly located in Tier 2 and Tier 3 HFTD. The target for 2023 was to install Line Sensor devices on 40 circuits feeding into HFTD areas or HFRA locations. PG& E installed Line Sensor devices across 55 circuits.

Data collected in response to requests regarding the initiative were made to evaluate progress made towards meeting the initiative targets. A spreadsheet listing 55 Foundry reports containing the HFTD/HFRA designation, joined to the report from the Aclara SmartGrid Energy Management Systems (EMS) to define the HFTD/HFRA designation for the circuits with Line Sensor installation was provided for review in utility response DRU13210, which exceeded the quantity referenced in the WMP. Based on this list, 4 inspection reports were selected for review based on a modified ANSI Z1.4 sample size with locations distributed across the geographic areas. The complete job packages were sent in utility response DRU13702. The 4 individual PDF files were named for the job package number and general location of the installations.

The review covered a detailed examination of the reports contained within each job package; each job package contained multiple installations covering the circuit. Reports documented the tracking of the installation from initial work order to completed status, including quality control. Each report contained an ER Notification Form which contained multiple data fields, including notification and order numbers, functional location, copies of line sensor equipment serial number tags, priority, field notes and comments. The comments detailed the tracking of the work order over time. All reports included a Distribution OH Construction Completion Standard Checklist.

Findings:

- Data was uniform and verified across all documents. The notification and order numbers, functional location, copies of line sensor equipment serial number tags, priority, field notes and comments were consistent and matched the list of 157 reports.
- Location data corresponded to the Ad Hoc Map document exact install location.
- The four sample job packages verified installation of the line sensors and demonstrated that the target was met.

**Table 36: Line Sensor - Installations Summary**

Description	2023 Target	2023 Q4 QDR	DRU13210 Response	Summary
Line Sensor - Installations	40 Installations	55 Installations	55 Installation Reports	Target met/Exceeded by 15 Installations

8.3.3.3 - SA-10 - Distribution Fault Anticipation (DFA) Installations

Data was gathered to assess initiative SA-10's deployment of Distribution Fault Anticipation (DFA) sensors, aimed at enhancing early fault detection in high fire-threat districts. The initiative was checked for compliance with WMP section 8.3.3.1 which is also supported by section 8.3.1.2 which is focused on targeting.

Operational data analysis confirmed DFA sensor functionality, with all sensors in operational readiness as shown in screenshots and a Circuit Designation Report for the 5 locations. Geographic targeting covered both Tier 2 and Tier 3 High Fire-Threat Districts, aligning with utility needs for enhanced monitoring.

DFA sensors were strategically installed at initiating substations, meeting WMP's precision fault detection requirements. Integration into the Foundry analytics platform enhanced fault localization. Staggered deployment across substations ensured gradual performance optimization.

SA-10 supports WMP goals by enhancing fault detection capabilities. Compliance with WMP sections 8.3.3.1 demonstrates advancement in monitoring technology, aligning with broader objectives of grid reliability and safety. Expansion plans focus on high-risk areas, aiming to maximize safety impact.

**Table 37: Distribution Fault Anticipation (DFA) Installations Summary**

Description	2023 Target	2023 Q4 QDR	DRU13214 Response	Summary
Distribution Fault Anticipation Installations	5 Sensors	5 Sensors	5 Sensors	Target Met

8.3.3.3 - SA-11 - Early Fault Detection (EFD) Installations

Alignment of data from the installation and operation of Early Fault Detection (EFD) sensors was assessed with the goals specified in Sections 8.3.3.1 and supporting section 8.3.1.2 of the WMP. The analysis evaluates whether the initiative meets the outlined objectives and guidelines, focusing on technological implementation, geographic targeting, and procedural compliance. In response to request for data, the utility provided documentation including an example Distribution Overhead Construction Completion Standards Checklist, and documents referencing Utility procedure TD-2504P-01.

Section 8.3.3.1 of the WMP emphasizes the deployment of advanced technologies such as EFD sensors to enhance the electrical corporation's grid monitoring capabilities. Documents procured by the utility reveal that these sensors were installed on two circuits specifically located in Shingle Springs and Red Bluff. This placement aligns with the WMP's emphasis on utilizing high-tech tools to monitor grid integrity in high-risk fire zones.

The WMP describes data-driven decision-making in section 8.3.3.1, where it discusses the use of analytical tools to evaluate risks and operational effectiveness. According to the utility response documents, the installation of EFD sensors was supported by risk impact calculations using the WDRM\_V3 model, which guided the decision-making process for the placement of sensors on circuits with high baseline risks. This aligns with the WMP's strategy to prioritize installations based on modeled outputs that predict high potential for fault detection and mitigation.

The WMP section 8.3.1.2 details specific targets for the geographic deployment of EFD sensors, emphasizing their installation in high fire-threat districts (HFTD). The utility response data confirms that the sensors were installed in circuits categorized under HFTD tiers 2 and 3 in Shingle Springs and Red Bluff. This targeted approach is consistent with the WMP's objectives to mitigate wildfire risks by enhancing monitoring in areas most prone to fire hazards due to electrical faults.



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The review confirms that the installation and partial operationalization of EFD sensors align with the WMP’s technological and geographical targeting guidelines. An additional 2 locations are targeted in the WMP in subsequent years.

**Table 38: Early Fault Detection (EFD) Installations Summary**

Description	2023 Target	2023 Q4 QDR	DRU13215 Response	Summary
Early Fault Detection (EFD) Installations	2 Sensors	2 Sensors	2 Sensors	Target Met

**8.4.3.1 - EP-06 - Review, and revise the CERP and 2 Wildfire Related Annexes on a yearly basis**

Data was gathered to evaluate initiative EP-06 to WMP section 8.4.3.1 Emergency Planning calling for the annual review and revision of the CERP, as well as the Wildfire Annex and the Public Safety Power Shutoff (PSPS) Annex. The documentation provided for BVNA review included:

- DRU13237\_Q01\_EP-06\_Atch01\_EMER-3001M-CERP\_CONF.pdf (CERP),
- DRU13237\_Q01\_EP-06\_Atch02\_EMER3105M\_Wildfire Annex to CERP\_CONF.pdf, and
- DRU13237\_Q01\_EP-06\_Atch03\_EMER-3106M- PSPS\_CONF.pdf.

The review verifies that this initiative has been met based on the following:

- The CERP was reviewed and updated with the plan published November 30, 2023
- The Wildfire Annex to the CERP was reviewed and updated with the plan published August 7, 2023
- The PSPS Annex was reviewed and updated with the plan published August 24, 2023.

**Table 39: Review, and revise the CERP and 2 Wildfire Related Annexes on a yearly basis Summary**

Description	2023 Target	2023 Q4 QDR	DRU13237 Response	Summary
Review and revise the CERP and 2 Wildfire related annexes on a yearly basis	3 Documents	3 Documents	3 Documents	Target Met

8.5.2 - CO-02 - Community Engagement - Surveys

PG&E will complete two PSPS education and outreach surveys. Data collected in response to requests regarding the initiative were made to provide insight into progress made towards meeting the initiative targets. A list was provided of surveys between 8/14/23 to 9/10/23 with 1,430 online surveys and 1,005 telephone surveys for a total of 2,435 surveys. These surveys were 20 minutes in duration in 17 different languages.

PG&E completed post season recall of the outreach was 60%, consistent with the 2022 post season. PSPS awareness appears to be in-line with previous waves at 77%, and significantly higher in the (HFTD) tiers 2 and 3. Over two-thirds of “general public” felt prepared for PSPS at 72% and 85% in the HFTD.

English and Spanish remained the top languages commonly spoken followed by Cantonese, Vietnamese, Mandarin. Documentation shows nearly all communication channels are viewed as “Useful” by majority of recallers.

SME meeting with BVNA IE’s was utilized for any clarification or process demonstration.

The data for CO-02 reflects the initiative target was met. QA/QC is performed by the PG&E Project Manager/Subject Matter Expert (SME) at every step of the process. In the specific case of the Community Engagement surveys, the process includes: 1. Questionnaire; 2. Sampling; 3. Data Collection; and 4. Post Data Collection.

The IE has reviewed the data and concluded that PG&E has met this target goal of the WMP.

**Table 40: Community Engagement - Surveys Summary**

Description	2023 Target	2023 Q4 QDR	DRU13225 Response	Summary
Community Engagement Surveys	2 Surveys	2 Surveys	2 Surveys	Target Met

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**Table 41: Small Volume Quantifiable Goal/Target Summary Table**

Initiative Name	Sections	Population Size/Target	Sample Size	#, % Verified	#, % Verification Failed
System Hardening - Transmission	8.1.2.5.1 - GH-05	43 Circuit Miles	10 Circuit Miles	10, 100%	0, 0%
System Hardening - Transmission Shunt Splices	8.1.2.5.1 - GH-06	20 Transmission Lines	3 Transmission Lines	3, 100%	0, 0%
Distribution Protective Devices	8.1.2.8.1 - GH-07	75 Protective Devices	10 Protective Devices	10, 100%	0, 0%
Distribution Line Motor Switch Operator (MSO) - Replacements	8.1.2.10.3 - GH-09	20 MSOs	3 MSOs	3, 100%	0, 0%
Supplemental Inspections - Substation Distribution	8.1.3.3.1 - AI-08	52 Supplemental Inspections	10 Supplemental Inspections	10, 100%	0, 0%
Supplemental Inspections - Substation Transmission	8.1.3.3.1 - AI-09	34 Supplemental Inspections	4 Supplemental Inspections	4, 100%	0, 0%
Supplemental Inspections - Hydroelectric Substations and Powerhouses	8.1.3.3.1 - AI-10	41 Supplemental Inspections	4 Supplemental Inspections	4, 100%	0, 0%
Defensible Space Inspections - Transmission Substation	8.2.2.3.1 - VM-06	55 Inspections	10 Inspections	10, 100%	0, 0%
Defensible Space Inspections - Hydroelectric Substations and Powerhouses	8.2.2.3.1 - VM-07	61 Inspections	10 Inspections	10, 100%	0, 0%
Line Sensor - Installations	8.3.3.1 - SA-02	40 Circuits	4 Circuits	4, 100%	0, 0%
Distribution Fault Anticipation (DFA) Installations	8.3.3.3 - SA-10	5 Sensors	5 Sensors	5/100	0, 0%

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<b>Initiative Name</b>	<b>Sections</b>	<b>Population Size/Target</b>	<b>Sample Size</b>	<b>#, % Verified</b>	<b>#, % Verification Failed</b>
Early Fault Detection (EFD) Installations	8.3.3.3 - SA-11	2 Sensors	2 Sensors	2/100%	0, 0%
Review, and revise the CERP and 2 Wildfire Related Annexes on a yearly basis	8.4.3.1 - EP-06	3 Documents	3 Documents	3/100%	0, 0%
Community Engagement - Surveys	8.5.2 - CO-02	2 PSPS Surveys	2 PSPS Surveys	2/100%	0, 0%

**3.1.2.4 Qualitative Goal/Target**

Pursuant to the Final IE Scope of Work for the Review of Compliance with 2023 WMP, PG&E provided a complete list of all 2023 WMP activities classified as Qualitative Goal/Target that were conducted in 2023. The 2023 WMP activities identified within the Qualitative list were assessed within this section and are presented below within Tables 42 to 47 grouped by the associated initiative category. The IE findings are defined as follows:

- Activity Validated – Qualitative work on the initiative began and ended in 2023.
- Activity In Progress – Qualitative work on the initiative began in 2023 and continues into 2024.
- Activity Ongoing – Qualitative work on the initiative is incorporated into operations to be repeated annually.

**Table 42: Grid Design, Operations, and Maintenance Summary Table**

Initiative Name	Initiative Description	Initiative Validation	Finding
8.1.2.1 - GH-03 - Evaluate and Implement Covered Conductor Effectiveness Impact on Inspections and Maintenance Standards	Evaluate the output of the Phase 1 and Phase 2 covered conductor effectiveness study to: (1) determine the impacts of the study on the maintenance and inspections standards for deployed covered conductor assets; and (2) update TD-2305M-JA02 (overhead inspections job aid), as needed.	<ul style="list-style-type: none"> <li>▪ Wildfire Risk Governance Committee presentation in confidential response to DRU13244 in Attachment DRU13244_Q01_GH-03_Atch01_WRGSC_CONF.pdf</li> <li>▪ TD-2305M-JA02 Job Aid: Overhead Assessment document in confidential response to DRU13244 in Attachment DRU13244_Q01_GH-03_Atch02_TD-2305M-JA02_CONF.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	Activity Validated
8.1.3.2.7 - AI-03 - Develop Distribution Aerial	Evaluate the continued use of aerial inspections for distribution	<ul style="list-style-type: none"> <li>▪ Review of 2,879 aerial data equipment IDs in response to DRU13189 in Attachment DRU13189_Q01_AI-03_Atch01_Aerial Data.xlsx</li> </ul>	Activity in Progress

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Initiative Name	Initiative Description	Initiative Validation	Finding
Inspections program	overhead equipment.	<ul style="list-style-type: none"> <li>▪ Review of in 6,532 aerial internal pilot inspection locations with notes in response to DRU13189 in Attachment DRU13189_Q02_AI-03_Atch01_Aerial Internal Pilot Analysis_CONF.xlsx</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	
8.1.5 - AI-11 - Filling Asset Inventory Data Gaps	Populate missing age data in the Asset Registry (using “Installation Date” data element as a proxy) to 90% weighted average across risk prioritized distribution and transmission equipment.	<ul style="list-style-type: none"> <li>▪ Explanation of overall approach to estimating installation dates in response to DRU13221 in DRU13221_Q1-2_2024 Audit_IE_2023 WMP- AI-11- 8.1.5 Primary Evidence.pdf</li> <li>▪ Excel file of field Proof of Concept completion records for samples of select distribution and transmission equipment (transmission poles, transmission towers, distribution fuses, distribution dynamic protective devices, distribution capacitor banks, distribution voltage regulators, distribution transformers) in response to DRU13221 in Attachment DRU13221_Q01_AI-11_Atch01_POC_Field Results.xlsx</li> <li>▪ Excel file of record review Proof of Concept completion records for samples of select distribution and transmission equipment (support structures, capacitor banks, voltage regulators, transformers, fuses, dynamic protective devices, surge arrestors, PriOHConductors,</li> </ul>	Activity In Progress

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Initiative Name	Initiative Description	Initiative Validation	Finding
		<p>transmission poles, transmission towers, transmission insulators, transmission conductors) in response to DRU13221 in Attachment DRU13221_Q01_AI-11_Atch02_POC_Record Review Results.xlsx</p> <ul style="list-style-type: none"> <li>▪ Internal presentation of field and record review Proof of Concept results, including summary metrics and takeaways DRU13221_Q01_AI-11_Atch03_Proof of Concept.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	
8.1.9.1 - AI-01 - Retainment of Inspectors and Internal Workforce Development	<p>1) Develop a plan to increase retention over time for trained and qualified inspectors.</p> <p>2) Develop a plan to focus on increasing and sustaining a consistent, year-over-year internal workforce that builds on existing experience and mentors new employees for asset inspections.</p>	<ul style="list-style-type: none"> <li>▪ Excel file indicating asset inspector headcount details in 2023 across PG&amp;E Regions (North Coast, North Valley, Bay Area, South Bay, and Central Valley) in confidential response to DRU13186 in Attachment DRU13186_Q01_AI-01_Atch01_Add Inspector_CONF</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	Activity In Progress

Table 43: Vegetation Management and Inspection Summary Table

Initiative Name	Initiative Description	Initiative Validation	Finding
8.2.6 - VM-09 - Constraint Resolution Procedural Guideline	Develop a process of centralizing constraints resolution. As part of the build out of the centralized constraints team, three major categories will be addressed: customer constraints, environmental constraints (including internal PG&E procedures required to perform work) and permitting constraints (including both Land and Environmental permits).	<ul style="list-style-type: none"> <li>▪ Vegetation Management Distribution Interference Procedure in confidential response to DRU13272 in Attachment DRU13272_Q01_VM-09_Atch01_TD-7102P-04 Customer Interference Procedure_CONF.pdf</li> <li>▪ Vegetation Management Riparian Review Procedure in confidential response to DRU13272 in Attachment DRU13272_Q01_VM-09_Atch02_TD-7102P-16 VM Riparian Review Procedure_CONF.pdf</li> <li>▪ Identifying Riparian Areas Job Aid in response to DRU13272 in Attachment DRU13272_Q01_VM-09_Atch03_TD-7102P-16-JA01 Identifying Riparian Areas.pdf</li> <li>▪ Vegetation Management Riparian Review Procedure Attachment 1, Riparian Programmatic ERTC Thresholds in response to DRU13272 in Attachment DRU13272_Q01_VM-09_Atch04_TD-7102P-16-Att01 VM Riparian Programmatic ERTC.pdf</li> <li>▪ Vegetation Management Encroachment Permit Bulletin in confidential response to DRU13272 in Attachment DRU13272_Q01_VM-09_Atch05_TD-7102P-01-B038 VM Encroachment Permit Bulletin_CONF.pdf</li> <li>▪ Internal Right Tree, Right Place 2024 Proposal in response to DRU13272 in Attachment DRU13272_Q01_VM-09_Atch06_Right Tree Right Place Report 12.08.23.pdf</li> </ul>	Activity in Progress



Table 44: Situational Awareness and Forecasting Summary Table

Initiative Name	Initiative Description	Initiative Validation	Finding
8.3.2.3 - SA-01 - AI in Wildfire Cameras	Enable AI processing of Wildfire Camera Data to provide automated wildfire notifications in the internal PG&E monitoring tool (Wildfire Incident Viewer – WIV).	<ul style="list-style-type: none"> <li>▪ AI Wildfire Detection Alerts Implementation into PG&amp;E HAT Tool presentation in response to DRU13209 in Attachment DRU13209_Q01_SA-01_Atch01_HD Camera Artificial Intelligence.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	Activity Validated
8.3.2.3 - SA-12 - Evaluate the use and effectiveness of real-time monitoring tools	Each year, we will evaluate and discuss our situational awareness tools internally, as well as with other IOUs. These evaluative discussions will include reviewing observations of our various situational awareness tools and identifying potential areas for improvement. We will also discuss best practices and lessons learned. These discussions will help inform potential changes to what situational awareness tools we	<ul style="list-style-type: none"> <li>▪ Internal Joint-IOU Discussion: Situational Awareness Programs – 2023 presentation in response to DRU13216 in Attachment DRU13216_Q01_SA-12_Atch01_Joint-IOU Meeting_2023_CONF.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	Activity In Progress

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Initiative Name	Initiative Description	Initiative Validation	Finding
	<p>incorporate, as well as how they are incorporated. This may include equipment upgrades, new tech integrations, model improvements, and enhanced data initiatives.</p>		
<p>8.3.3.3 - SA-03 - EFD and DFA Reporting</p>	<p>Develop scalable processes to: (a) analyze alarms and alerts from Early Fault Detection (EFD) and Distribution Fault Anticipation (DFA) sensors; (b) conduct field investigation and reporting; (c) track identified mitigations to completion; and (d) track effectiveness of issue identification and remediation using EFD/DFA technologies.</p>	<ul style="list-style-type: none"> <li>▪ Analysis Methodology for Identified EFD/DFA Use Cases in confidential response to DRU13211 in Attachment DRU13211_Q01_SA-03_Atch01_DFA EFD Analysis Process_CONF.pdf</li> <li>▪ Distribution Fault Anticipation Field Investigation Procedures in confidential response to DRU13211 in Attachment DRU13211_Q01_SA-03_Atch02_DFA FI Procedure_CONF.pdf</li> <li>▪ Early Fault Detection Field Investigation Procedure in confidential response to DRU13211 in Attachment DRU13211_Q01_SA-03_Atch03_EFD FI Procedure_CONF.pdf</li> <li>▪ LRE Metrics dashboard example in confidential response to DRU13211 in Attachment DRU13211_Q01_SA-03_Atch04_Metrics_CONF.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> </ul>	<p>Activity Validated</p>

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Initiative Name	Initiative Description	Initiative Validation	Finding
		<ul style="list-style-type: none"> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	
8.3.6.3 - SA-04 - FPI and IPW Modeling - Revision Evaluation	<p>Evaluate enhancements to the FPI (Fire Potential Index) model and the IPW (Ignition Probability Weather) model. This involves testing new features and types of model configurations that could improve model skill. At present we do not know if model skills can be improved but we will attempt to do so.</p>	<ul style="list-style-type: none"> <li>▪ PG&amp;E Fire Potential Index Model (FPI) documentation in response to DRU13212 in Attachment DRU13212_Q01_SA-04_Atch01_2023 FPI Model Documentation.pdf</li> <li>▪ PG&amp;E Operational Distribution Outage and Ignition Probability Weather Models (OPW/IPW) documentation in response to DRU13212 in Attachment DRU13212_Q01_SA-04_Atch02_2023 OPW &amp; IPW Model Documentation.pdf</li> <li>▪ Wildfire Risk Governance Committee presentation in confidential response to DRU13212 in Attachment DRU13212_Q01_SA-04_Atch03_2023 10.05.2023 WRGSC_v1_CONF.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	Activity Validated
8.3.6.3 - SA-05 - Evaluate FPI and IPW Modeling enhancements in 2023 - 2025	<p>Evaluate enhancements to the FPI (Fire Potential Index) model and the IPW (Ignition Probability Weather) model in</p>	<ul style="list-style-type: none"> <li>▪ PG&amp;E Fire Potential Index Model (FPI) documentation in response to DRU13213 in Attachment DRU13213_Q01_SA-05_Atch01_Model Documentation.pdf</li> <li>▪ PG&amp;E Operational Distribution Outage and Ignition Probability Weather</li> </ul>	Activity In Progress

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Initiative Name	Initiative Description	Initiative Validation	Finding
	2023. This involves testing new features and types of model configurations that could improve model skill. For example, one of the features that will be evaluated for IPW is covered conductor and EPSS on the system. If covered conductor, EPSS, or other model enhancements, do not improve model skill, it will not be deployed as a part of the model improvement.	<p>Models (OPW/IPW) documentation in response to DRU13213 in Attachment DRU13213_Q01_SA-05_Atch02_Documentation.pdf</p> <ul style="list-style-type: none"> <li>▪ Wildfire Risk Governance Committee presentation in confidential response to DRU13213 in Attachment DRU13213_Q01_SA-05_Atch03_WRGSC_v1_CONF.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_RO</li> </ul>	

**Table 45: Emergency Preparedness Summary Table**

Initiative Name	Initiative Description	Initiative Validation	Finding
8.4.2.3.1 - EP-01 - Complete PPS and Wildfire Tabletop and Functional Exercises	Complete PPS and Wildfire Tabletop and Functional Exercise annually in compliance with the guiding principles of the Homeland Security Exercise Evaluation Program (HSEEP)	<ul style="list-style-type: none"> <li>▪ 2023 Public Safety Power Shutoff (PSPS) Functional Exercise (FE) After-Action Report (AAR) document in confidential response to DRU13233 in Attachment DRU13233_Q01_EP-01_Atch01_PSPS_Functional_CONF.pdf</li> <li>▪ 2023 Public Safety Power Shutoff (PSPS) Tabletop Exercise (TTX) After Action Report (AAR) document in confidential response to DRU13233 in</li> </ul>	Activity Validated

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

Initiative Name	Initiative Description	Initiative Validation	Finding
		<p>Attachment DRU13233_Q01_EP-01_Atch02_PSPS Tabletop_CONF.pdf</p> <ul style="list-style-type: none"> <li>▪ 2023 Earthquake &amp; Wildfire Tabletop Exercise (TTX) After Action Report (AAR) document in confidential response to DRU13233 in Attachment DRU13233_Q01_EP-01_Atch03_Wildfire Tabletop_CONF.pdf</li> <li>▪ 2023 Earthquake &amp; Wildfire Full-Scale Exercise (FSE) After Action Report (AAR) document in confidential response to DRU13233 in Attachment DRU13233_Q01_EP-01_Atch04_Wildfire Functional_CONF.pdf</li> <li>▪ 2023 Public Safety Power Shutoff (PSPS) Seminar presentation in confidential response to DRU13233 in Attachment DRU13233_Q01_EP-01_Atch05_PSPS Seminar April 2023_CONF.pdf</li> <li>▪ 2023 Public Safety Power Shutoff (PSPS) Seminar-Part 2 presentation in confidential response to DRU13233 in Attachment DRU13233_Q01_EP-01_Atch06_PSPS Seminar October 2023_CONF.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	
8.4.3.1 - EP-02 - Maintain all hazards planning and	Maintain the All Hazards Planning and Preparedness Program to	<ul style="list-style-type: none"> <li>▪ Pacific Gas and Electric Company’s Annual Report on Compliance with General Order 166 – Compliance Period: January 1, 2022 to December</li> </ul>	Activity In Progress

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Initiative Name	Initiative Description	Initiative Validation	Finding
preparedness program in 2023 - 2025	provide emergency response and safely and expeditiously restore service.	<p>31, 2022 document, which includes Company Emergency Response Plan Version 7.0 (in effect from August 4, 2021, to December 31, 2022) in response to DRU13234 provided as the following link:  <a href="https://www.cpuc.ca.gov/-/media/cpuc-website/divisions/safety-policydivision/reports/pge-2022-go-166-report-public.pdf">https://www.cpuc.ca.gov/-/media/cpuc-website/divisions/safety-policydivision/reports/pge-2022-go-166-report-public.pdf</a></p> <ul style="list-style-type: none"> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	
8.4.3.1 - EP-04 - Expand all hazards planning to include additional threats and scenarios in 2023 - 2025	Expand the All Hazards planning program to include additional threats and scenarios.	<ul style="list-style-type: none"> <li>▪ 2021-2023 Threat and Hazard Identification and Risk Assessment (THIRA) document in confidential response to DRU13236 in Attachment DRU13236_Q01_EP-04_Atch01_THIRA 2021-23 FINAL_CONF.pdf</li> <li>▪ Extreme Weather Annex to the Company Emergency Response Plan document in confidential response to DRU13236 in Attachment DRU13236_Q01_EP-04_Atch02_EMER-3108M_Extreme Weather Annex_CONF.pdf</li> <li>▪ Physical Threat Annex to the Company Emergency Response Plan document in confidential response to DRU13236 in Attachment DRU13236_Q01_EP-04_Atch03_EMER-3110M_Physical Threat Annex_CONF.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire</li> </ul>	Activity In Progress

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

Initiative Name	Initiative Description	Initiative Validation	Finding
		<p>Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</p> <ul style="list-style-type: none"> <li>PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	
8.4.3.1 - EP-08 - Threats and Hazards Identification and Risk Assessment (THIRA) updates	Execute a Threats and Hazards Identification and Risk Assessment (THIRA) update every three years to address changes in hazard landscape. Use information from THIRA to inform changes to the CERP and hazard annexes.	<ul style="list-style-type: none"> <li>2021-2023 Threat and Hazard Identification and Risk Assessment (THIRA) document in confidential response to DRU13238 in Attachment DRU13238_Q01_EP-08_Atch01_THIRA 2021-23 FINAL_CONF.pdf</li> <li>THIRA Updates - Workplan Phase Approval in confidential response to DRU13238 in Attachment DRU13238_Q01_EP-08_Atch02_Workplan Phase Approval_CONF.pdf</li> <li>PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	Activity Validated

**Table 46: Community Outreach and Engagement Summary Table**

Initiative Name	Initiative Description	Initiative Validation	Finding
8.5.2 - CO-01 - Community Engagement - Meetings	For 2023-2025, PG&E will hold annually a total of 22 community engagement	<ul style="list-style-type: none"> <li>Review locations of scheduled community engagement meetings in response to DRU13223 in Attachment DRU13223_Q01_CO-</li> </ul>	Activity Validated

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Initiative Name	Initiative Description	Initiative Validation	Finding
	meetings within the five regions of service that will include, but are not limited to, a mix of webinars, open houses, town halls, and/or answer centers.	<p>01_Atch01_2023 Community Meetings Data.xlsx</p> <ul style="list-style-type: none"> <li>▪ Review community engagement meeting notifications in response to DRU13223 in Attachment DRU13223_Q02_CO-01_Atch02_Event Invite Example_CONF.pdf</li> <li>▪ SME interview dated May 8, 2024.</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	
8.5.2 - CO-04 - Community Engagement - Outreach to HFRA Infrastructure Customers	PG&E will perform outreach via email and/or phone to assigned Critical Infrastructure customers in the HFRA through Business Energy Solutions (assigned account managers). Outreach will cover the CWSP, including potential PSPS and EPSS impacts, and updating contact information for critical accounts in the HFRA.	<ul style="list-style-type: none"> <li>▪ Reviewed Critical Infrastructure customer list with phone and email listings along with completion dates of contact in response to DRU13227 in Attachment DRU13227_Q01_CO-04_Atch01_PSPS Phase 1 Validation Final_CONF.xlsx and DRU13227_Q01_CO-04_Atch02_PSPS Phase 2 Validation Final_CONF.xlsx</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	Activity Validated
8.5.2 - CO-05 - Community	PG&E will also conduct at least	<ul style="list-style-type: none"> <li>▪ Reviewed direct-to-customer email and mail content in response to</li> </ul>	Activity Validated



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Initiative Name	Initiative Description	Initiative Validation	Finding
Engagement - Outage Preparedness Campaign	one direct-to-customer outage preparedness campaign annually via email and/or direct mail targeting residential customers in the PSPS more likely or EPSS program scope.	<p>DRU13230 in Attachment DRU13230_Q01_CO-05_Atch02_Email_20230502.pdf and DRU13230_Q01_CO-05_Atch01_PGE CWSP Letter_202305021.pdf.</p> <ul style="list-style-type: none"> <li>Reviewed mail drop confirmation in response to DRU13230 in Attachments DRU13230_Q01_CO-05_Atch04_21795 PGnE-Drop1_412,536.pdf, DRU13230_Q01_CO-05_Atch05_21795 PGnE-Drop2_383,418.pdf and DRU13230_Q01_CO-05_Atch06_21795 PGnE-Drop3_422,977.pdf</li> <li>Reviewed email seed confirmation in response to DRU13230 in Attachment DRU13230_Q01_CO-05_Atch03_20230518-PSPS-Email_LIVE_wSEED_CONF.pdf.</li> <li>PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	

**Table 47: Public Safety Power Shutoff Summary Table**

Initiative Name	Initiative Description	Initiative Validation	Finding
9.1.2 - PS-08 - Evaluate emerging technologies	Evaluate emerging technologies for transmission and	<ul style="list-style-type: none"> <li>Review of the Emerging Technologies Intake Process outline in response to DRU13207 in Attachment DRU13207_Q01_PS-</li> </ul>	Activity Validated

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to reduce PSPS customer impact	distribution that may further reduce scale, scope, or frequency of PSPS.	<p>08_Atch01_Emerging Technologies Process Intake.pdf</p> <ul style="list-style-type: none"> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	
9.1.2 - PS-10 - Continue sharing PSPS lessons learned	Continue sharing PSPS lessons learned and best practices with CA IOUs through monthly meetings focused on PSPS.	<ul style="list-style-type: none"> <li>▪ Review of monthly Joint Working Group reports from January through December of 2023 in response to DRU13208 in Attachments (12 total) DRU13208_Q01_PS-10_Atch01_Joint_IOU_2023.01.17.pdf through DRU13208_Q01_PS-10_Atch12_Joint_IOU_2023.12.20.pdf</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	Activity Validated
9.2.1 - PS-01 - Evaluate enhancements for the PSPS Transmission guidance	Evaluate enhancements for the PSPS Transmission guidance to enhance focus of PSPS events.	<ul style="list-style-type: none"> <li>▪ Reviewed the 2023 Transmission Line PSPS Models &amp; Data Updates in response to DRU13201 in Attachment DRU13201_Q01_PS-01_Atch01_08.24.2023 WRGSC_vf_CONF.pdf.</li> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	Activity Validated
9.2.1 - PS-02 - Evaluate incorporation	Evaluate incorporation of approved IPW	<ul style="list-style-type: none"> <li>▪ Reviewed the power point presentation presented at the October 5, 2023 Wildfire Risk Governance Committee in</li> </ul>	Activity Validated

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<p>of approved IPW enhancements into the PSPS Distribution guidance</p>	<p>enhancements into the PSPS Distribution guidance to enhance focus of PSPS events.</p>	<p>response to DRU13204 in Attachment DRU13204_Q02_PS-02_Atch01_WRGSC_CONF.pdf.</p> <ul style="list-style-type: none"> <li>▪ PG&amp;E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations Dated February 1, 2024 (Appendix I: 2023 WMP Initiative Commitments)</li> <li>▪ PG&amp;E Quarterly Data Report (QDR) Q4, 2023 provided in PG&amp;E_2023_Q4_Tables1-15_R0</li> </ul>	
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## 3.1.3 Trends and Themes

The IE team evaluated Quantifiable Goals/Targets for 42 initiatives (Large Volume Field, Large Volume Not Field, and Small Volume) and Qualitative Goals/Targets for 21 initiatives related to PG&E's 2023 WMP. The IE reviewed publicly available documents, online articles, and related published reports as referenced throughout the section and detailed in Appendix B, List of Supplemental Documents Reviewed. Concurrently, the IE submitted data requests and reviewed the PG&E provided confidential responses with various verification documentation, multiple reports that included photos and screenshots, and verification lists with a summary of received documentation below in Figure --. Validation was also conducted through SME interviews, as listed within Appendix D.

Note: PG&E-provided documentation included in the corresponding initiative DRUs to IE Data Requests are noted as confidential.

Information reviewed during the evaluation of the initiatives underscored the ongoing nature of the efforts associated with the qualitative goals/targets. PG&E has approached the quantitative and qualitative goals systematically, relying on established processes where appropriate, developing new strategies to fill in, monitoring outcomes, and refining the approach to incorporate feedback to be carried forward to future wildfire mitigation efforts. PG&E completed considerable improvements to its wildfire modeling programs, continued to conduct quality assurance inspections for transmission and distribution systems, and enhanced procedures, standards, and overall governance processes for wildfire mitigation. PG&E continues to promote and improve their community outreach programs and collaboration efforts with other electric utility providers.

PG&E's trend across the 2023 WMP activities identified within this section complies with the stated goals identified within the 2023 WMP.

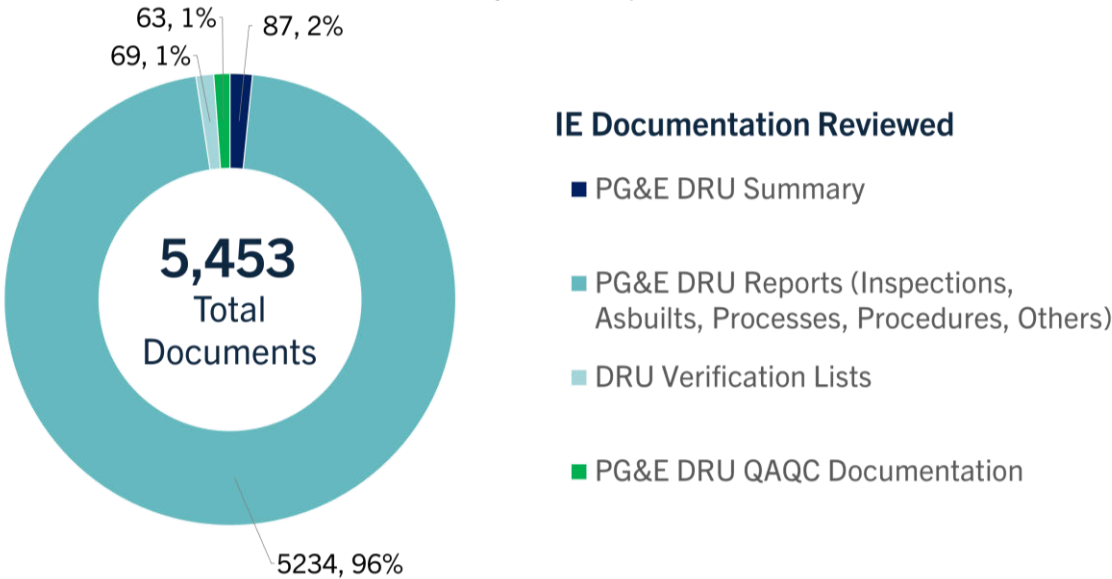


Figure 21: IE Documentation Reviewed for Large Volume Field, Large Volume Not Field, Small Volume, and Qualitative

## 3.2 Verification of Funding

The IE team conducted a comprehensive review of the funding for each initiative of the 2023 WMP to evaluate and verify alignment with planned expenditures. This year, the IE assessed the public data and augmented its assessment with two data requests to obtain clarification and detailed explanations for initiatives with a total spend of less than 100 percent of planned budgets. This enhanced approach facilitated a more precise evaluation of discrepancies between actual and planned financials across the various documents and records reviewed.

The initial assessment involved a comparative analysis of public records issued by PG&E (from February 2023 to date), which the IE compared to information PG&E provided in response to the IE's data requests for financials. The review included an analysis of actual and planned spend, separated into Expense (OPEX) and Capital (CAPEX) costs, to provide a comprehensive understanding of spending trends. Table 48 - 2023 WMP Funding Verification Summary includes the details of the type of expenditure, whether Capital or Expense, the amount planned, the actual spend amount, and the explanation provided by PG&E associated with each documented underspend instance.

### 3.2.1 Summary of Underspend Instances

To evaluate PG&E's 2023 WMP, dated April 2, 2024, the IE team evaluated financial data for 111 initiatives. The IE reviewed publicly available documents and related attachments listed as Items No. 10 through No. 13 as detailed in Appendix B, List of Supplemental Documents Reviewed. Concurrently, the IE submitted data requests and reviewed the responses PG&E provided to DRU13657 and DRU13683. Following Energy Safety's direction, the IE documented all instances, a total of 54, where PG&E provided less than 100% of the funding for WMP activities and verified PG&E's explanations for these underspent amounts.

Concurrently, the IE conducted a comparative analysis to identify discrepancies between the different data documents/data sets and identified a few records that needed PG&E's verification and detailed explanations, which the IE received on June 10, 2024, as a supplemental response to DRU13683.

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**Table 48: 2023 WMP Funding Verification Summary**

Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
Grid Design, Operations and Maintenance	8.1.3.1.1 - AI-02	Detailed Inspection Transmission – Ground	Expense	\$17,354	\$15,425	Target met, WMP initiative achieved program efficiencies to experience an under run vs forecast	Yes
Grid Design, Operations and Maintenance	8.1.3.2.7 - AI-03	Develop Distribution Aerial Inspections program	Expense	\$7,695	\$7,613	Target met with less than 1% variance	Yes
Grid Design, Operations and Maintenance	8.1.3.1.2 - AI-04	Detailed Inspection Transmission – Aerial	Expense	\$34,407	\$32,947	Target met, WMP initiative achieved program efficiencies to experience an under run vs forecast	Yes
Grid Design, Operations and Maintenance	8.1.3.3.1 - AI-08	Supplemental Inspections - Substation Distribution	Expense	\$2,826	\$1,084	Technology updates allowed us to become more efficiency and not have to utilize as many contractors in order to complete inspections.	Yes
Grid Design, Operations and Maintenance	8.1.3.3.1 - AI-09	Supplemental Inspections - Substation Transmission	Expense	\$2,633	\$1,778	Technology updates allowed us to become more efficiency and not have to utilize as many contractors in order to complete inspections.	Yes
Grid Design, Operations and Maintenance	8.1.3.3.1 - AI-10	Supplemental Inspections - Hydroelectric Substations and Powerhouses	Expense	\$1,182	\$745	Costs significantly lower than planned, due to internal resource replacing contractor. Enhanced switchyard inspections lower than planned attributed to System Inspection’s ability to inspect more efficiently requiring less hours from System Inspection and Hydro O&M resources.	Yes

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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
Grid Design, Operations and Maintenance	AI-Other	Asset Inspections	Expense	\$69,510	\$55,160	Target met, WMP initiative achieved program efficiencies to experience an under run vs forecast	Yes
Grid Design, Operations and Maintenance	8.1.2.2 - GH-04	10K Undergrounding	Capital	\$1,175,308	\$1,141,004	<p>The 2023 underground unit cost was estimated at \$3.3M back in 2022. The actual unit cost came in at \$2.9M, There are many factors that affect unit cost such as:</p> <ul style="list-style-type: none"> <li>▪ Contract vs. internal crew</li> <li>▪ Fire Rebuild vs. base system hardening</li> <li>▪ Ease or difficulty of ingress and egress</li> <li>▪ Amount of Permitting required</li> <li>▪ Amount of vegetation to be removed.</li> </ul>	Yes
Grid Design, Operations and Maintenance	8.1.2.10.1 - GH-06	System Hardening - Transmission Shunt Splices	Capital	\$5,000	\$2,673	Reduced costs by collaboratively identifying efficiencies working with tag crews and leveraging existing clearances.	Yes
Grid Design, Operations and Maintenance	8.1.2.8.1 - GH-07	Distribution Protective Devices	Capital	\$12,759	\$12,151	GH-07 & GH-09 are tracking under the same Wildfire Program MAT 49H. Dist. Protective Devices completed target units of 76 and was able to achieve execution efficiencies by bundling MSO (GH-9) replacements with other work, reducing the number of crew	Yes



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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
						mobilizations resulting in lower overall cost while completing the targeted units.	
Grid Design, Operations and Maintenance	8.1.2.10.3 - GH-09	Distribution Line Motor Switch Operator (MSO) - Replacements	Capital	\$3,170	\$1,809	GH-07 & GH-09 are tracking under the same Wildfire Program MAT 49H. Dist. MSO replacement completed target units total of 21 and was able to achieve execution efficiencies by bundling MSO replacements with other work, reducing the number of crew mobilizations resulting in lower overall cost while completing the targeted units.	Yes
Grid Design, Operations and Maintenance	8.1.2.10.5 - GH-10	Non-Exempt Expulsion Fuse - Removal	Capital	\$27,962	\$18,258	Was able to achieve execution efficiencies by bundling fuse replacements with other projects, reducing the overall cost while completing the targeted units.	Yes
Grid Design, Operations and Maintenance	8.1.7.1 - GM-02	HFTD-HFRA Open Tag Reduction - Transmission	Expense	\$1,945	\$1,539	Target met, underspend driven by reduced resources/contract spend.	Yes
Grid Design, Operations and Maintenance	8.1.2.10.1 - GM-06	EPSS - Down Conductor Detection (DCD)	Capital	\$42,109	\$39,290	Less DCD cost than budgeted due to locations no longer needing construction support, only 2 divisions needed construction support.	Yes
Grid Design, Operations and Maintenance	8.1.6.2 - GM-09	Asset Inspection – Quality Control	Expense	\$29,236	\$22,725	Our budget was built on a work plan that contained a higher unit plan than what was	Yes

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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
						required of the WMP. The team only completed what was required to complete the WMP commitment causing the underrun.	
Grid Design, Operations and Maintenance	N/A	Other grid topology improvements to mitigate or reduce PSPS events	Capital	\$1,456	\$0	<p>As noted in our WMP ACI 22-15, Transmission is not targeting additional sectionalizing devices in the 2023-2025 timeframe. To support this decision, we reviewed the current 10-year PSPS lookback. Of the 111 transmission lines in the 2022 10-year lookback, the lines either have already been sectionalized or do not presently need to be sectionalized. An example of a line that would not need to be sectionalized is a line that goes from one substation to another, with no junctions or tapped stations in between.</p> <p>Automated distribution sectionalizing devices have been installed at strategic locations over the past 4 years, producing the greatest sectionalizing benefit given the 10-year lookback for PSPS event simulations. We have reached a point of diminishing returns based upon this analysis</p>	N/A

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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
						where further investment would result in minimal customer benefits. In 2023, we are adjusting our distribution sectionalizing device program so that we will maximize reliability through our EPSS Program. Going forward, we will identify locations for sectionalizing with protective devices in smaller protective zones to improve the most reliability challenged circuit segments. For both transmission and distribution, the 10-year lookback is updated annually and may result in adjustments to the program. Additionally, if we identify switch assets that need to be replaced during an inspection, we can upgrade them at that time.	
Grid Design, Operations and Maintenance	Other-GD-Animal Abatement (D-Sub)	Other technologies and systems not listed above	Expense	\$567	\$514	Target met, underspend driven by reduced resources/contract spend.	Yes
Grid Design, Operations and Maintenance	Other-GD-Animal Abatement (PGEN)	Other technologies and systems not listed above	Expense	\$350	\$323	Deer Creek Power House removed from list due to divestiture and two sites not accessible due to road closures and/or lack of O&M resource availability to escort.	N/A

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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
Grid Design, Operations and Maintenance	Other-GD-Animal Abatement (T-Sub)	Other technologies and systems not listed above	Expense	\$107	\$63	Target met, underspend driven by reduced resources/contract spend.	Yes
Grid Design, Operations and Maintenance	Other-GD-EPSS (EO)	Equipment Settings to Reduce Wildfire Risk (EPSS) - rest of EPSS	Expense	\$133,429	\$81,207	NEIE underrun driven by patrol efficiencies and less outages than planned.	N/A
Grid Design, Operations and Maintenance	Other-GD-Inspections/Maint/Repair Dist (Maintenance )	Equipment inspections, maintenance, and repair	Expense	\$200,297	\$197,577	Less units completed than planned due to Q1 storms and work reprioritization throughout the year	N/A
Grid Design, Operations and Maintenance	Other-GD-Line Removal	Line removals (in HFTD) Distribution	Capital	\$61,000	\$28,495	Line removals (in HFTD) Distribution is dependent on customer approvals and available mileage following feasibility assessments. The decision requires agreement from the customer to deploy a Remote Grid. In rare instances we have authorization from the CPUC to discontinue service to a customer where the cost of a remote grid is far less than the cost to serve with a grid-hardened wire. But we likely would still need customer agreement to site a Remote Grid on their property so if they didn't agree, we'd be required to consider deenergizing the customer and removing service	N/A

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
						altogether as the alternative.	
Grid Design, Operations and Maintenance	Other-GD-Microgrids	Microgrids	Expense	\$8,338	\$5,207	At the time the forecast was made (fall of 2022) we thought that MIP would launch in mid-2023, driving increased demand for community-driven microgrids and associated work to support the consultations and applications. As it happened, MIP did not launch until 2024	N/A
Grid Design, Operations and Maintenance	Other-GD-Microgrids	Microgrids	Capital	\$6,060	\$4,801	At the time the forecast was made (fall of 2022) we thought that MIP would launch in mid-2023, driving increased demand for community-driven microgrids and associated work to support the consultations and applications. As it happened, MIP did not launch until 2024	N/A
Vegetation Management and Inspection	Other-VM 8.2.3.2	Wood and slash management	Expense	\$80,400	\$49,028	Variance is attributable to (1) significant delays associated with State and Federal agency planning and permitting requirements, (2) fewer units requiring work following the field verification process, and (3) actual unit pricing lower than forecast assumption based on historical EVM unit pricing.	N/A

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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
Vegetation Management and Inspection	Other-VM 8.2.3.8	Emergency response vegetation management	Expense	\$13,000	\$7,666	Fewer local/ non -EOC 'activating' events; generally milder weather leading to delayed/ mild fire season/ fewer weather related events	N/A
Vegetation Management and Inspection	8.2.2.1.1 - VM-01	LiDAR Data Collection - Transmission	Expense	\$10,163	\$8,575	PG&E's original 2023 financial forecast for LiDAR included the total projected cost for the vendor contract, which sought to do additional LiDAR inspections above and beyond the VM-01 target. The \$8.6 million actual expenditure represents the cost of PG&E completing the VM-01 target.	Yes
Vegetation Management and Inspection	8.2.3.1 - VM-02	Pole Clearing Program	Expense	\$31,000	\$27,877	"Find it fix it" work did not materialize as forecasted and fewer SMVIs were needed to conduct quality control.	Yes
Vegetation Management and Inspection	8.2.2.2.4 - VM-04	Tree Removal Inventory (TRI)	Expense	\$123,997	\$75,503	TRI unit cost assumptions for the budget were based on historical EVM unit pricing. Actual unit pricing and units came in lower than planned.	Yes
Vegetation Management and Inspection	8.2.2.3.1 - VM-05	Defensible Space Inspections - Distribution Substation	Expense	\$2,522	\$539	Target met, underspend driven by reduced resources/ contract spend due to delay in project start.	Yes
Vegetation Management and Inspection	8.2.2.3.1 - VM-07	Defensible Space Inspections - Hydroelectric Substations and Powerhouses	Expense	\$1,907	\$1,322	Costs lower than planned due to internal resources replacing contractors.	Yes

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
Vegetation Management and Inspection	8.2.2.1.3 - VM-15	Integrated Vegetation Management - Transmission	Expense	\$15,553	\$9,253	Met the 2023 WMP IVM inspections target while achieving a lower unit cost from performing more fee-owned parcels requiring weed abatement, which is less expensive than performing other NERC and Non NERC work scopes that require pruning and tree removal	Yes
Vegetation Management and Inspection	8.2.4 - VM-19	One VM Application Record Keeping Enhancement (Routine, Second Patrol)	Expense	\$38,798	\$35,300	Target met, WMP initiative achieved program efficiencies to experience an under run vs forecast	Yes
Vegetation Management and Inspection	VM-Other Veg Inspections-Substations (PGEN/Sub)	Vegetation Inspections - Substation	Expense	\$3,357	\$1,400	Target met, underspend driven by reduced resources/contract spend.	Yes
Situational Awareness and Forecasting	Other-SA (8.3.6)	Fire potential index	Expense	\$150	\$141	Target met, work completed with immaterial variance	Yes
Situational Awareness and Forecasting	Other-SA (REFCL) EPSS	Grid monitoring systems	Capital	\$308	\$72	Less maintenance cost than planned.	N/A
Situational Awareness and Forecasting	8.3.2.3 - SA-01	Artificial Intelligence (AI) in Wildfire Cameras	Expense	\$3,127	\$2,197	Underspend is mainly driven by a reduced need to do recalibrations on weather stations as the installations weren't fully complete yet in 2023.	Yes
Situational Awareness and Forecasting	8.3.3.1 - SA-02	Line Sensor - Installations	Expense	\$3,330	\$2,771	Variance driven by reduced analytics labor and field investigation costs due to deferred	Yes

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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
						Early Fault Detection (EFD) and Distribution Fault Anticipation (DFA) installs to 2024. Also the projected IT incremental headcount hires were delayed until 2024	
Situational Awareness and Forecasting	8.3.3.1 - SA-02	Line Sensor - Installations	Capital	\$6,090	\$3,008	Variance driven by reduced analytics labor and field investigation costs due to deferred Early Fault Detection (EFD) and Distribution Fault Anticipation (DFA) installs to 2024. Also the projected IT incremental headcount hires were delayed until 2024	Yes
Situational Awareness and Forecasting	8.3.6.3 - SA-04	FPI and IPW Modeling - Revision Evaluation	Expense	\$1,976	\$1,881	Contract costs less than expected	Yes
Situational Awareness and Forecasting	8.3.3.1 - SA-10	Distribution Fault Anticipation (DFA) Installations	Capital	\$1,000	\$180	2023 budget was based on a high level forecast developed as the program was stood up. PG&E completed its WMP target units at a lower cost than expected, partially due to pre-construction and engineering being completed in 2022.	Yes
Situational Awareness and Forecasting	8.3.3.1 - SA-11	Early Fault Detection (EFD) Installations	Capital	\$1,000	\$644	2023 budget was based on a high level forecast developed as the program was stood up. PG&E completed its WMP target units at a lower cost than expected, partially due to pre-construction and	Yes



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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
						engineering being completed in 2022.	
Emergency Preparedness	8.4.2.3.1 - EP-01	Complete PSPS and Wildfire Tabletop and Functional Exercises	Expense	\$8,700	\$7,493	<p>No actual Wildfire events/Wildfire EOC activations to respond to due to favorable weather. Wildfire emergency response forecast accuracy is highly challenging due to many unknown factors and highly dependent on weather conditions.</p> <p>The actuals are reflecting only the base Wildfire work that continues to happen each year with training, exercises, seminars, and emergency plan updates and maintenance. The reason last year actuals is lower because we had only Tabletop exercise instead of a full scope exercise. The year will be a combined WF and PSPS full scope exercise, which means everyone comes in and participates as if in a real world event.</p>	Yes
Emergency Preparedness	Other-EP&R (8.4.3.1)	External collaboration and coordination	Expense	\$16,907	\$16,544	Program on plan, less than 1% variance	N/A
Emergency Preparedness	Other-EP&R (8.4.6)	Customer support in wildfire and PSPS emergencies	Expense	\$14,780	\$14,619	Favorable due to no PSPS events so Customer Resource Center didn't need to replace any damaged	N/A

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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
						capital tech (satellite phones or laptops).	
Emergency Preparedness	Other-EP&R (8.4.6)	Customer support in wildfire and PSPS emergencies	Capital	\$187	\$5	Favorable due to no PSPS events so Customer Resource Center didn't need to replace any damaged capital tech (satellite phones or laptops).	N/A
Community Outreach and Engagement	8.5.2 - CO-01	Community Engagement - Meetings	Expense	\$14,932	\$11,327	Reduced marketing, material and labor costs for customer outreach activities.	Yes
Community Outreach and Engagement	8.5.2 - CO-02	Community Engagement - Surveys	Expense	\$11,835	\$11,581	Target met, work completed with immaterial variance	Yes
Community Outreach and Engagement	8.5.2 - CO-04	Community Engagement - Outreach to HFRA Infrastructure Customers	Expense	\$23,347	\$18,714	Materially lower Business Energy Solutions (BES) labor costs than originally planned due to the low number of PSPS events.	N/A
Community Outreach and Engagement	8.5.2 - CO-05	Community Engagement - Outage Preparedness Campaign	Expense	\$3,496	\$3,405	Target met, work completed with immaterial variance	Yes
Community Outreach and Engagement	Other - CWSP PMO	Other - Wildfire	Expense	\$115,626	\$114,901	Program on plan, less than 1% variance	N/A
Public Safety Power Shutoff	8.5.3 - PS-06	Provide 12,000 cumulative new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS, focusing on but not limited to AFN, MBL, and self-identified	Expense	\$93,112	\$69,141	The program met the number of actual battery units (3,000) they planned to purchase in 2023. But the cost for associated PBP Partner Labor & Portable Electric labor to conduct customer outreach, assessments and battery deliveries was lower than expected.	Yes

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Initiative Category	2023 Initiative Number/ID	Initiative Name	Expense or Capital	2023 WMP Proposed Spend Amt.	Actual Spend Amt.	Detail on Funding Discrepancy	Satisfied Risk Reduction Goal
		vulnerable populations					
Public Safety Power Shutoff	8.5.3 - PS-06	Provide 12,000 cumulative new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS, focusing on but not limited to AFN, MBL, and self-identified vulnerable populations	Capital	\$3,963	\$1,478	The program met the number of actual battery units (3,000) they planned to purchase in 2023. But the cost for associated PBP Partner Labor & Portable Electric labor to conduct customer outreach, assessments and battery deliveries was lower than expected.	Yes
Other	Other - Misc.	IT WPM Wildfire Tech	Capital	\$109,538	\$55,425	After System Protection assessment, the original need to support PSPS in the area is no longer being impacted in the future outlook and asset replacement is not in 5-year plan. IT projects (Vendor project completion delays and and recategorization of work from Capital to Expense)	N/A

## *Trends in Expense and Capital Underspend*

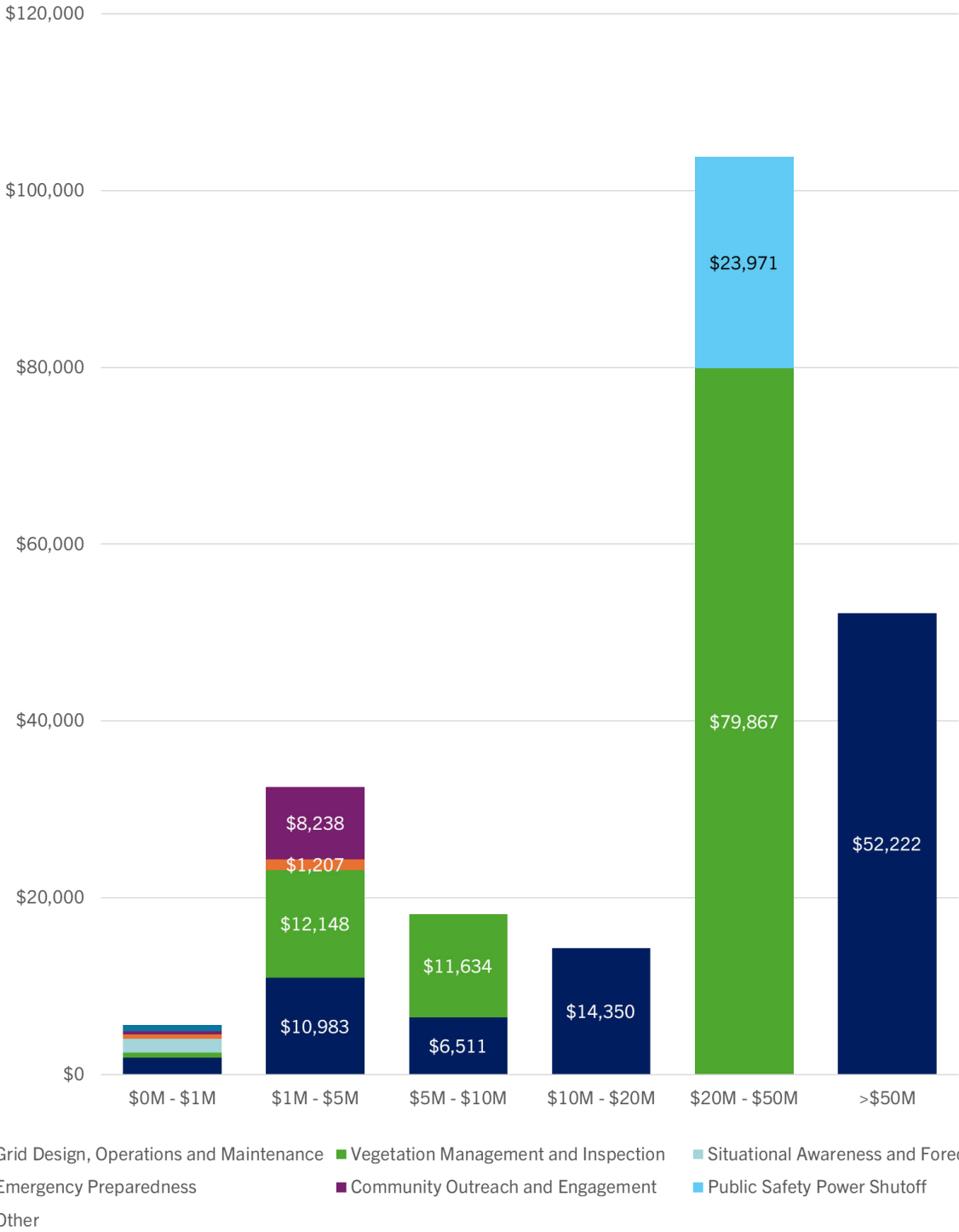
In addition to the detailed review and analysis documented in Table 48, the IE team has visualized the underspend instances across various WMP categories in the following graphs titled "Breakdown of Expense for IE Underspend Categories (Thousands of Dollars)" and "Breakdown of Capital for IE Underspend Categories (Thousands of Dollars)." This graph provides a clear representation of the underspend instances and the concentrations observed in the 2023 WMP initiatives, categorizing the underspend amounts across different expenditure ranges.

### *Trends of Expense Breakdown Shown in Figure 22*

The "Breakdown of Expense for IE Underspend Categories" graph highlights significant underspend across multiple categories, with the most notable discrepancies in Vegetation Management and Inspection, and Grid Design, Operations, and Maintenance.

1. **\$0M - \$1M Range:** All categories show minimal underspend, indicating better alignment of planned and actual expenditures for smaller budget initiatives.
2. **\$1M - \$5M Range:** Vegetation Management and Inspection (\$12.15M) across five (5) different initiatives and Grid Design, Operations, and Maintenance (\$10.98M) across five (5) different initiatives, alongside noticeable amounts in Community Outreach and Engagement (\$8.24M).
3. **\$5M - \$10M Range:** Vegetation Management and Inspection (\$11.63M) across two (2) initiatives show underspend due to lower costs and fewer weather events, with Grid Design, Operations, and Maintenance (\$6.51M) for Tracking ID GM-09 completing the required units associated with the WMP commitment, even though the budget was built for a plan that accounted for higher units.
4. **\$10M - \$20M Range:** The only significant underspend in this range is in Public Safety Power Shutoff, totaling \$23.97M for Tracking ID PS-06 favorably due to actual costs being lower than expected.
5. **\$20M—\$50M Range:** Vegetation Management and Inspection has a substantial underspend, totaling \$79.87M across two (2) initiatives. One primary driver for the underspend is that actual unit pricing is lower than the budget, which is based on historical EVM unit pricing.
6. **>\$50M Range:** Grid Design, Operations, and Maintenance show a significant underspend of \$52.22M, a considerable portion of the planned budget that was not spent due to cost savings driven by patrol efficiencies and fewer outages than planned.

Figure 22: Breakdown of Expense for IE Underspend Categories (Thousands of Dollars)

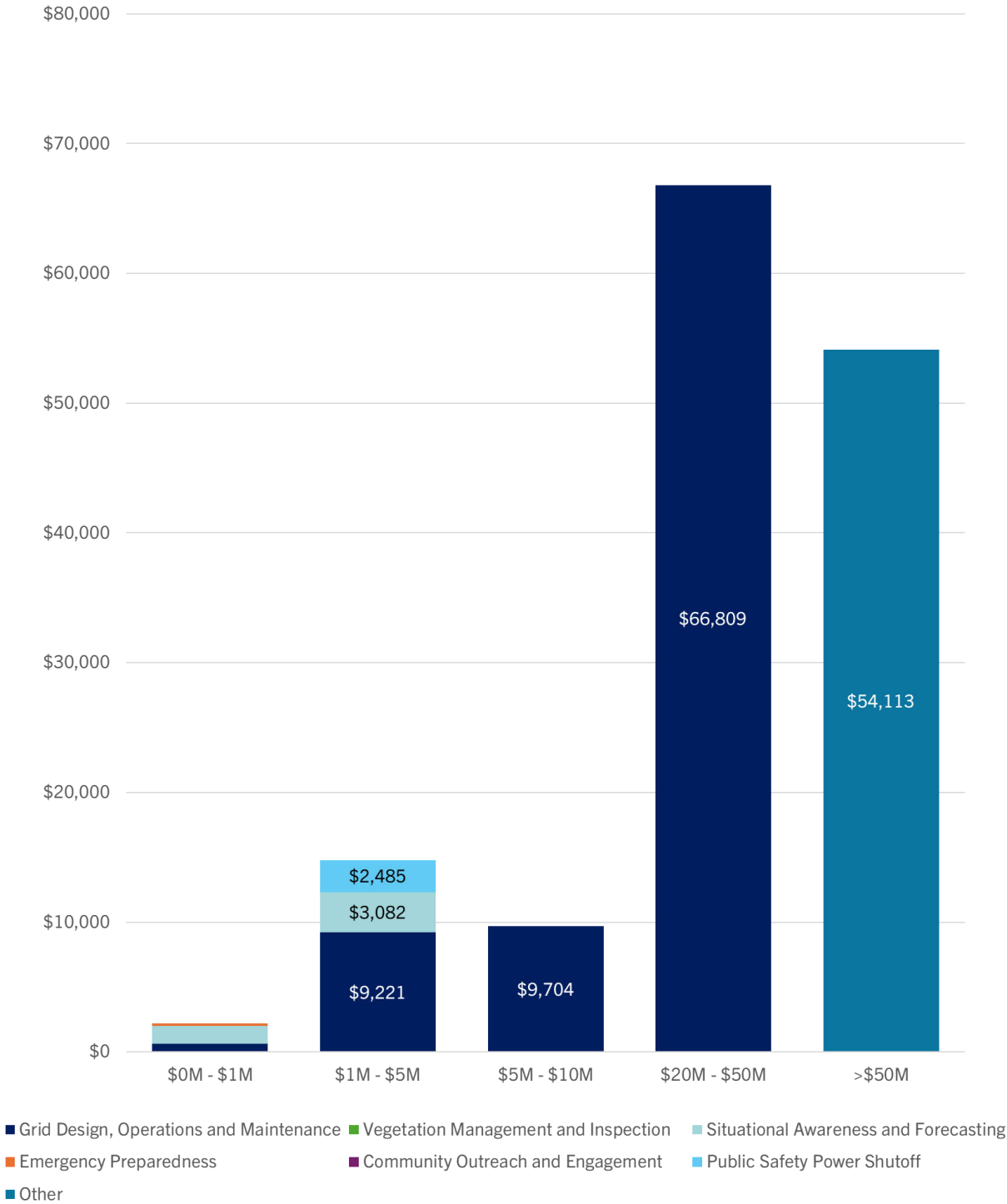


## Trends of Capital Breakdown Shown in Figure 23

The "Breakdown of Capital for IE Underspend Categories" graph provides insights into the capital expenditure underspend across various WMP categories. The data is categorized into different expenditure ranges, highlighting significant trends in financial discrepancies for capital projects.

1. **\$0M - \$1M Range:** This range shows minimal underspend across categories, indicating capital spending generally stayed within budget.
2. **\$1M —\$5M Range:** The largest underspend in this range is in Grid Design, Operations, and Maintenance (\$9.22M) across five (5) initiatives with all targets met. Similarly, the Situational Awareness and Forecasting (\$3.08M) underspend of initiative with Tracking ID SA-02 is due to deferral of installs to 2024 and Public Safety Power Shutoff (\$2.49M) underspend of initiative with Tracking ID PS-06, where all targets were met for both initiatives.
3. **\$5M—\$10M Range:** The underspend in this range is primarily in Grid Design, Operations, and Maintenance (\$9.70M) due to cost savings resulting from efficiencies during the initiative's execution with Tracking ID GH-10.
4. **\$20M - \$50M Range:** There is a substantial underspend in Grid Design, Operations, and Maintenance (\$66.81M) across two (2) initiatives due to cost savings and customer approvals available for Distribution Line Removals (in HFTD).
5. **>\$50M Range:** Public Safety Power Shutoff shows a notable underspend of \$54.11M due to the original need to support PSPS in the area, which was not required after the System Protection assessment, asset replacement not being in the 5-year plan, IT project delays (Vendor project completion delays), and recategorization of work from Capital to Expense.

Figure 23: Breakdown of Capital for IE Underspend Categories (Thousands of Dollars)



### 3.3 Verification of QA/QC Programs

Pursuant to the Final IE Scope of Work for the Review of Compliance with 2023 WMP, PG&E provided a complete list of all 2023 WMP activities with corresponding quality assurance and quality control (QA/QC) programs per DRU13414 Response and assessed herein through Data Requests and SME interviews. PG&E has identified three (3) types of QA/QC programs implemented within the 2023 WMP as provided in PG&E's response DRU13414 Response within Attachment DRU13414\_Audit\_DR002\_Independent Evaluator\_D001 and described further in excerpts below.

**Embedded QA and QC:** “This work is generally performed within the program’s internal process at the individual WMP program level or downstream of the program level. There is some level of established internal QA or QC to validate accurate and timely work completion of WMP activities through field and back-end quality spot checks of work.”

**Wildfire Mitigation PMO QA:** “PG&E’s Wildfire Mitigation PMO team is responsible for monitoring and reporting on the progress of the WMP defined initiatives. They ensure completion of initiatives and that they are properly documented.”

**Major Infrastructure Delivery Quality Management:** “PG&E has a QA and QC component that is performed on both asset management inspection programs. The QA program (GM-01 Asset Inspections – Quality Assurance) is intended to ensure that the QC and Execution program (GM-09 Asset Inspections – Quality Control) is performing as intended through ongoing audits of completed QC locations.”

**Table 49: 2023 QA/QC Initiative Verification Summary Table**

Initiative Name	Initiative Validation	Finding	QA/QC Program Type
8.1.2.1 - GH-01 - System Hardening - Distribution	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13240 in attachment DRU13240_Q1-2_2024 Audit_IE_2023 WMP- GH-01- 8.1.2.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13240 in attachment DRU13240_Q02_GH-01_Atch01_Draft Utility Procedure System Hardening_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13240 in attachment DRU13240_Q02_GH-01_Atch04_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC



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<p>8.1.2.1 - GH-03 - Evaluate and Implement Covered Conductor Effectiveness Impact on Inspections and Maintenance Standards</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13244 in attachment DRU13244_Q02_GH-03_Atch01_AP CTL-01_REV 8_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13244 in attachment DRU13244_Q02_GH-03_Atch02_Define EDRS_CONF.pdf</li> </ul>	<p style="text-align: center;">Activity Validated</p>	<p style="text-align: center;">Embedded QA or QC, WMP PMO QC</p>
<p>8.1.2.2 - GH-04 - 10K Undergrounding</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13256 in attachment DRU13256_Q1-2_2024 Audit_IE_2023 WMP- GH-04- 8.1.2.2 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13256 in attachment DRU13256_Q02_GH-04_Atch02_35057010 Sheet 1 - ASBUILT DWG_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13256 in attachment DRU13256_Q02_GH-04_Atch03_35057010-CWSP-EL-DORADO-2101 19752-PH-2-1-4_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13256 in attachment DRU13256_Q02_GH-04_Atch04_Define EDRS_CONF.pdf</li> </ul>	<p style="text-align: center;">Activity Validated</p>	<p style="text-align: center;">Embedded QA or QC, WMP PMO QC</p>
<p>8.1.2.5.1 - GH-05 - System Hardening - Transmission</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13258 in attachment DRU13258_Q1-2_2024 Audit_IE_2023 WMP- GH-05- 8.1.2.5.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13258 in attachment DRU13258_Q02_GH-05_Atch01_Define EDRS_CONF.pdf</li> </ul>	<p style="text-align: center;">Activity Validated</p>	<p style="text-align: center;">Embedded QA or QC, WMP PMO QC</p>
<p>8.1.2.5.1 - GH-06 - System Hardening - Transmission Shunt Splices</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13259 in attachment DRU13259_Q1-2_2024 Audit_IE_2023 WMP- GH-06- 8.1.2.5.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13259 in attachment DRU13259_Q02_GH-06_Atch01_74049786 AS-BUILT Colgate-Palermo-SDS_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13259 in attachment DRU13259_Q02_GH-06_Atch02_Define EDRS_CONF.pdf</li> </ul>	<p style="text-align: center;">Activity Validated</p>	<p style="text-align: center;">Embedded QA or QC, WMP PMO QC</p>

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<p>8.1.2.8.1 - GH-07 - Distribution Protective Devices</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13263 in attachment DRU13263_Q1-2_2024 Audit_IE_2023 WMP- GH-07- 8.1.2.8.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13263 in attachment DRU13263_Q02_GH-07_Atch01_CCSC_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13263 in attachment DRU13263_Q02_GH-07_Atch02_SCADA Release Letter_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13263 in attachment DRU13263_Q02_GH-07_Atch03_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.2.10.1 - GM-06 - EPSS - Down Conductor Detection (DCD)</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13190 in attachment DRU13190_Q1-2_2024 Audit_IE_2023 WMP- GM-06- 8.1.2.10.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13190 in attachment DRU13190_Q02_GM-06_Atch01_PB example_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13190 in attachment DRU13190_Q02_GM-06_Atch02_IPScom File Compare_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13190 in attachment DRU13190_Q02_GM-06_Atch03_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.2.10.3 - GH-09 - Distribution Line Motor Switch Operator (MSO) - Replacements</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13269 in attachment DRU13269_Q1-2_2024 Audit_IE_2023 WMP- GH-09- 8.1.2.10.3 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in attachment DRU13269_Q02_GH-09_Atch01_CCSC_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in attachment DRU13269_Q02_GH-09_Atch02_35295830_SCADARelease_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in attachment DRU13269_Q02_GH-09_Atch03_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.2.10.4 - GH-08 - Surge Arrestor - Removals</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13268 in attachment DRU13268_Q1-2_2024 Audit_IE_2023 WMP- GH-08- 8.1.2.10.4 Primary Evidence.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>

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	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13268 in attachment DRU13268_Q02_GH-08_Atch01_SA Desktop Audit_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13268 in attachment DRU13268_Q02_GH-08_Atch02_SA QC Inspection_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13268 in attachment DRU13268_Q02_GH-08_Atch03_Define EDRS_CONF.pdf</li> </ul>		
<p>8.1.2.10.5 - GH-10 - Non-Exempt Expulsion Fuse - Removal</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13273 in attachment DRU13273_Q1-2_2024 Audit_IE_2023 WMP- GH-10- 8.1.2.10.5 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13273 in attachment DRU13273_Q02_GH-10_Atch01_31638524_QAPASSED_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13273 in attachment DRU13273_Q02_GH-10_Atch02_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.3.1.1 - AI-02 - Detailed Inspection Transmission – Ground</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13187 in attachment DRU13187_Q1-2_2024 Audit_IE_2023 WMP- AI-02- 8.1.3.1.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s attachment DRU13187_Q02_AI-02_Atch01_IRS Overview of Responsibilities 2024.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential attachment DRU13187_Q02_AI-02_Atch02_Define EDRS_CONF.pdf</li> <li>▪ Major Infrastructure Delivery Quality Management documented in Confidential DRU13281 DRU13281_Q1-2_2024 Audit_IE_2023 WMP- GM-01- 8.1.6.1 Primary Evidence</li> <li>▪ Documented in attachment DRU13281_Q02_GM-01_Atch02_Define EDRS_CONF.pdf</li> <li>▪ Major Infrastructure Delivery Quality Management documented in Confidential DRU13192_Q1-2_2024 Audit_IE_2023 WMP- GM-09- 8.1.6.2 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment in DRU13192_Q02_GM-09_Atch05_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC, Major Infrastructure Delivery Quality Management</p>

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<p>8.1.3.1.2 - AI-04 - Detailed Inspection Transmission – Aerial</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13193 in attachment DRU13193_Q1-2_2024 Audit_IE_2023 WMP- AI-04- 8.1.3.1.2 Primary Evidence</li> <li>▪ Documented in attachment DRU13193_Q02_AI-04_Atch01_LIRS Overview of Responsibilities 2024.pdf</li> <li>▪ DRU13193_Q02_AI-04_Atch02_IRS Overview of Responsibilities 2024.pdf</li> <li>▪ Documented in Confidential attachment DRU13193_Q02_AI-04_Atch03_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.3.1.3 - AI-05 - Detailed Inspection Transmission – Climbing</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response DRU13195 in attachment DRU13195_Q1-2_2024 Audit_IE_2023 WMP- AI-05- 8.1.3.1.3 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment DRU13195_Q02_AI-05_Atch01_Define EDRS_CONF.pdf</li> <li>▪ Quality Assurance Component (Asset Inspection) Documented in Confidential DRU13281_Q1-2_2024 Audit_IE_2023 WMP- GM-01- 8.1.6.1 Primary Evidence.pdf</li> <li>▪ Documented in attachment DRU13281_Q02_GM-01_Atch02_Define EDRS_CONF.pdf</li> <li>▪ Quality Control Component (Asset Inspection) Documented in Confidential DRU13192_Q1-2_2024 Audit_IE_2023 WMP- GM-09- 8.1.6.2 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment in DRU13192_Q02_GM-09_Atch05_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.3.1.4 - AI-06 - Perform Transmission Infrared Inspections</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response DRU13197 in attachment DRU13197_Q1-2_2024 Audit_IE_2023 WMP- AI-06- 8.1.3.1.4 Primary Evidence.pdf</li> <li>▪ Documented in attachment DRU13197_Q02_AI-06_Atch01_Flow Chart.pdf</li> <li>▪ Documented in Confidential DRU13197_Q02_AI-06_Atch02_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.3.2.1 - AI-07 - Detailed Ground</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response DRU13199 in attachment DRU13199_Q1-2_2024</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO</p>

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<p>Inspections - Distribution</p>	<p>Audit_IE_2023 WMP- AI-07- 8.1.3.2.1 Primary Evidence.pdf</p> <ul style="list-style-type: none"> <li>▪ Documented in attachment DRU13199_Q02_AI-07_Atch01_Pronto WV ICC 2023_CONF.pdf</li> <li>▪ Documented in attachment DRU13199_Q02_AI-07_Atch02_Define EDRS_CONF.pdf</li> <li>▪ Major Infrastructure Delivery Quality Management documented in Confidential DRU13281 DRU13281_Q1-2_2024 Audit_IE_2023 WMP- GM-01- 8.1.6.1 Primary Evidence</li> <li>▪ Documented in attachment DRU13281_Q02_GM-01_Atch02_Define EDRS_CONF.pdf</li> <li>▪ Major Infrastructure Delivery Quality Management documented in Confidential DRU13192_Q1-2_2024 Audit_IE_2023 WMP- GM-09- 8.1.6.2 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment in DRU13192_Q02_GM-09_Atch05_Define EDRS_CONF.pdf</li> </ul>		<p>QC, Major Infrastructure Delivery Quality Management</p>
<p>8.1.3.2.7 - AI-03 - Develop Aerial Inspections program</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response DRU13189 in attachment DR13189_Q1-2_2024 Audit_IE_2023 WMP- AI-03- 8.1.3.2.7 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment DRU13189_Q02_AI-03_Atch01_Aerial Internal Pilot Analysis_CONF.xlsx</li> <li>▪ Documented in Confidential attachment DRU13189_Q02_AI-03_Atch02_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.3.3.1 - AI-08 - Supplemental Inspections - Substation Distribution</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response DRU13200 in attachment DRU13200_Q1-2_2024 Audit_IE_2023 WMP- AI-08- 8.1.3.3.1 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment DRU13200_Q02_AI-08_Atch01_TD-3328P-02_CONF.pdf</li> <li>▪ Documented in Confidential attachment DRU13200_Q02_AI-08_Atch02_TD-3328P-03_CONF.pdf</li> <li>▪ Documented in Confidential attachment DRU13200_Q02_AI-08_Atch03_TD-3328P-04_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>

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	<ul style="list-style-type: none"> <li>▪ Documented in Confidential attachment DRU13200_Q02_AI-08_Atch04_TD-3328S_CONF.pdf</li> <li>▪ Documented in Confidential attachment DRU13200_Q02_AI-08_Atch05_Define EDRS_CONF.pdf</li> </ul>		
8.1.3.3.1 - AI-09 - Supplemental Inspections - Substation Transmission	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response DRU13217 in attachment DRU13217_Q1-2_2024 Audit_IE_2023 WMP- AI-09- 8.1.3.3.1 Primary Evidence.pdf</li> <li>▪ Documented in attachment DRU13217_Q02_AI-09_Atch01_Inspection Form.pdf</li> <li>▪ Documented in Confidential attachment DRU13217_Q02_AI-09_Atch02_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.1.3.3.1 - AI-10 - Supplemental Inspections - Hydroelectric Substations and Powerhouses	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response DRU13219 in attachment DRU13219_Q1-2_2024 Audit_IE_2023 WMP- AI-10- 8.1.3.3.1 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment DRU13219_Q02_AI-10_Atch01_Inspection Form_CONF.pdf</li> <li>▪ Documented in Confidential attachment DRU13219_Q02_AI-10_Atch02_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.1.5 - AI-11 - Filling Asset Inventory Data Gaps	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13221 in attachment DRU13221_Q1-2_2024 Audit_IE_2023 WMP- AI-11- 8.1.5 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13221 in attachment DRU13221_Q02_AI-11_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.1.6.1 - GM-01 - Asset Inspections - Quality Assurance	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13281 in attachment DRU13281_Q02_GM01_Atch01_Flowchart.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13281 in attachment DRU13281_Q02_GM-01_Atch02_Define EDRS_CONF.pdf</li> <li>▪ Per PG&amp;E's Response in DRU13744 in attachment DRU13744_Audit_DR_Independent Evaluator_D001.pdf PG&amp;E confirms that there is no Major Infrastructure Delivery Quality Management for this initiative</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC

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<p>8.1.6.2 - GM-09 - Asset Inspection – Quality Control</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13192 in attachment DRU13192_Q02_GM-09_Atch01_Transmission Desktop Process Flow.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13192 in attachment DRU13192_Q02_GM-09_Atch02_Transmission Field Process Flow.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13192 in attachment DRU13192_Q02_GM-09_Atch03_Distribution Desktop Process Flow.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13192 in attachment DRU13192_Q02_GM-09_Atch04_Distribution Field Process Flow.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13192 in attachment DRU13192_Q02_GM-09_Atch05_Define EDRS_CONF.pdf</li> <li>▪ Per PG&amp;E’s Response in DRU13747 in attachment DRU13747_Audit_DR_Independent Evaluator_D001.pdf PG&amp;E confirms that there is no Major Infrastructure Delivery Quality Management for this initiative</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.7.1 - GM-02 - HFTD-HFRA Open Tag Reduction - Transmission</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13283 in attachment DRU13283_Q1-2_2024 Audit_IE_2023 WMP- GM-02- 8.1.7.1 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment DRU13283_Q02_GM-02_Atch01_PPSOT-GUID-000015315_CONF.pdf</li> <li>▪ Documented in attachment DRU13283_Q02_GM-02_Atch02_PPSOT-GUID-000015316.pdf</li> <li>▪ Documented in Confidential attachment DRU13283_Q02_GM-02_Atch03_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.1.7.2 - GM-03 - HFTD-HFRA Open Tag Reduction – Distribution Backlog</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13285 in attachment DRU13285_Q1-2_2024 Audit_IE_2023 WMP- GM-03- 8.1.7.2 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment DRU13285_Q02_GM-03_Atch01_RISK-6301S QM_CONF.pdf</li> <li>▪ Documented in Confidential attachment DRU13285_Q02_GM-03_Atch02_RISK-6301M QM_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>

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	<ul style="list-style-type: none"> <li>▪ Documented in Confidential attachment DRU13285_Q02_GM-03_Atch03_RISK-6301P-12_CONF.pdf</li> <li>▪ Documented in Confidential attachment DRU13285_Q02_GM-03_Atch04_Define EDRS_CONF.pdf</li> </ul>		
8.1.9.1 - AI-01 - Retainment of Inspectors and Internal Workforce Development	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13186 in attachment DRU13186_Q03_AI-01_Atch01_Define EDRS_CONF.pdf</li> <li>▪ Per PG&amp;E's Confidential Response in DRU13186 in attachment DRU13186_Q1-3_2024 Audit_IE_2023 WMP- AI-01- 8.1.9.1 Primary Evidence.pdf PG&amp;E confirms that there is no Embedded QA or QC for this initiative</li> </ul>	Activity Validated	WMP PMO QC
8.2.2.1.1 - VM-01 - LiDAR Data Collection - Transmission	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13224 in attachment DRU13224_Q1-2_2024 Audit_IE_2023 WMP- VM-01- 8.2.2.1.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13224 in attachment DRU13224_Q02_VM-01_Atch01_TVM Annual LiDAR Mileage Reporting.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13224 in attachment DRU13224_Q02_VM-01_Atch02_Catchback LiDAR_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13224 in attachment DRU13224_Q02_VM-01_Atch03_LiDAR Data_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13224 in attachment DRU13224_Q02_VM-01_Atch04_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.2.2.1.1 - VM-13 - Routine Transmission – Ground	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13274 in attachment DRU13274_Q1-2_2024 Audit_IE_2023 WMP- VM-13- 8.2.2.1.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13274 in attachment DRU13274_Q02_VM-13_Atch01_Define EDRS_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13727 in attachment DRU13727_Audit_DR032.1_Independent Evaluator_D001.pdf</li> </ul>	Activity Validated	WMP PMO QC, Major Infrastructure Delivery Quality Management



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	<ul style="list-style-type: none"> <li>Per PG&amp;E's Response in DRU13727 in attachment DRU13727_Audit_DR032.1_Independent Evaluator_D001.pdf PG&amp;E confirms that there is no Embedded QA or QC for this initiative</li> </ul>		
8.2.2.1.2 - VM-14 - Transmission Second Patrol	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13286 in attachment DRU13286_Q1-2_2024 Audit_IE_2023 WMP- VM-14- 8.2.2.1.2 Primary Evidence.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13286 in attachment DRU13286_Q02_VM-14_Atch01_Define EDRS_CONF.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13732 in attachment DRU13732_Audit_DR033.2_Independent Evaluator_D001.pdf</li> <li>Per PG&amp;E's Response in DRU13732 in attachment DRU13732_Audit_DR033.2_Independent Evaluator_D001.pdf PG&amp;E confirms that there is no Embedded QA or QC for this initiative</li> </ul>	Activity Validated	WMP PMO QC, Major Infrastructure Delivery Quality Management
8.2.2.1.3 - VM-15 - Integrated Vegetation Management - Transmission	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13288 in attachment DRU13288_Q02_VM-15_Atch01_Embedded QA QC process_CONF.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13288 in attachment DRU13288_Q02_VM-15_Atch02_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.2.2.2.1 - VM-16 - Distribution Routine Patrol	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13292 in attachment DRU13292_Q1-2_2024 Audit_IE_2023 WMP- VM-16- 8.2.2.2.1 Primary Evidence.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13292 in attachment DRU13292_Q02_VM-16_Atch01_Define EDRS_CONF.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13733 in attachment DRU13733_Audit_DR035.2_Independent Evaluator_D001.pdf</li> <li>Per PG&amp;E's Response in DRU13733 in attachment DRU13733_Audit_DR035.2_Independent Evaluator_D001.pdf PG&amp;E confirms that there is no Embedded QA or QC for this initiative</li> </ul>	Activity Validated	WMP PMO QC, Major Infrastructure Delivery Quality Management
8.2.2.2.2 - VM-17 - Distribution Second Patrol	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13293 in attachment DRU13293_Q1-2_2024</li> </ul>	Activity Validated	WMP PMO QC, Major Infrastructure

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	<p>Audit_IE_2023 WMP- VM-17- 8.2.2.2.2 Primary Evidence.pdf</p> <ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13293 in attachment DRU13293_Q02_VM-17_Atch01_Define EDRS_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Response in DRU13734 in attachment DRU13734_Audit_DR036.2_Independent Evaluator_D001.pdf</li> <li>▪ Per PG&amp;E’s Response in DRU13734 in attachment DRU13734_Audit_DR036.2_Independent Evaluator_D001.pdf PG&amp;E confirms that there is no Embedded QA or QC for this initiative</li> </ul>		Delivery Quality Management
8.2.2.2.5 - VM-03 - Focused Tree Inspection Program	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13228 in attachment DRU13228_Q02_VM-03_Atch01_Define EDRS_CONF.pdf</li> <li>▪ Per PG&amp;E’s Confidential Response in DRU13228 in attachment DRU13228_Q1-2_2024 Audit_IE_2023 WMP- VM-03- 8.2.2.2.5 Primary Evidence.pdf PG&amp;E confirms that there is no Embedded QA or QC for this initiative</li> </ul>	Activity Validated	WMP PMO QC
8.2.2.3.1 - VM-05 - Defensible Space Inspections - Distribution Substation	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13247 in attachment DRU13247_Q1-2_2024 Audit_IE_2023 WMP- VM-05- 8.2.2.3.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13247 in attachment DRU13247_Q02_VM-05_Atch01_Define EDRS_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Response in DRU13746 in attachment DRU13746_Audit_DR_Independent Evaluator_D001.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.2.2.3.1 - VM-06 - Defensible Space Inspections - Transmission Substation	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13248 in attachment DRU13248_Q1-2_2024 Audit_IE_2023 WMP- VM-06- 8.2.2.3.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13248 in attachment DRU13248_Q02_VM-06_Atch01_Define EDRS_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Response in DRU13729 in attachment DRU13729_Audit_DR050.2_Independent Evaluator_D001.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC

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<p>8.2.2.3.1 - VM-07 - Defensible Space Inspections - Hydroelectric Substations and Powerhouses</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13250 in attachment DRU13250_Q1-2_2024 Audit_IE_2023 WMP- VM-07- 8.2.2.3.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13250 in attachment DRU13250_Q02_VM-07_Atch01_Define EDRS_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13730 in attachment DRU13730_Q01_VM-07_2023 DS Dashboard.pdf</li> <li>▪ Documented in PG&amp;E’s Response in DRU13730 in attachment DRU13730_Q01_VM-07_2023 DS Tracker Export.xlsx</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.2.3.1 - VM-02 - Pole Clearing Program</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13226 in attachment DRU13226_Q1-2_2024 Audit_IE_2023 WMP- VM-02- 8.2.3.1 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13226 in attachment DRU13226_Q02_VM-02_Atch01_Define EDRS_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Response in DRU13718 in attachment DRU13718_Audit_DR015.1_Independent Evaluator_D001.pdf</li> <li>▪ Per PG&amp;E’s Response in DRU13718 in attachment DRU13718_Audit_DR015.1_Independent Evaluator_D001.pdf PG&amp;E confirms that there is no Embedded QA or QC for this initiative</li> </ul>	<p>Activity Validated</p>	<p>WMP PMO QC, Major Infrastructure Delivery Quality Management</p>
<p>8.2.2.2.4 - VM-04 - Tree Removal</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13239 in attachment DRU13239_Q1-2_2024 Audit_IE_2023 WMP- VM-04- 8.2.2.2.4 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13239 in attachment DRU13239_Q02_VM-04_Atch02_Define EDRS_CONF.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>
<p>8.2.5 - VM-08 - Vegetation Management – Quality Verification</p>	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13262 in attachment DRU13262_Q1-2_2024 Audit_IE_2023 WMP- VM-08- 8.2.5 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13262 in attachment DRU13262_Q02_VM-08_Atch01_QAVM Distribution VC Pole Clearing Results.pdf</li> </ul>	<p>Activity Validated</p>	<p>Embedded QA or QC, WMP PMO QC</p>

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	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13262 in attachment DRU13262_Q02_VM-08_Atch02_Define EDRS_CONF.pdf</li> <li>▪ Per PG&amp;E's Response in DRU13748 in attachment DRU13748_Audit_DR_Independent Evaluator_D001.pdf PG&amp;E confirms that there is no Major Infrastructure Delivery Quality Management for this initiative</li> </ul>		
8.2.5.2 - VM-22 - Vegetation Management - Quality Control	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13294 in attachment DRU13294_Q1-2_2024 Audit_IE_2023 WMP- VM-22- 8.2.5.2 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13294 in attachment DRU13294_Q02_VM-22_Atch02_Define EDRS_CONF.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13294 in attachment DRU13294_Q02_VM-22_Atch01_QC Dashboards.pdf</li> <li>▪ Per PG&amp;E's Response in DRU13728 in attachment DRU13728_Audit_DR037.2_Independent Evaluator_D001.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC, Major Infrastructure Delivery Quality Management
8.2.6 - VM-09 - Constraint Resolution Procedural Guideline	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13272 in attachment DRU13272_Q1-2_2024 Audit_IE_2023 WMP- VM-09- 8.2.6 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13272 in attachment DRU13272_Q02_VM-09_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.3.2.3 - SA-01 - AI in Wildfire Cameras	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13209 in attachment DRU13209_Q1-2_2024 Audit_IE_2023 WMP- SA-01- 8.3.2.3 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13209 in attachment DRU13209_Q02_SA-01_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.3.2.3 - SA-12 - Evaluate the use and effectiveness of real-time monitoring tools	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13216 in attachment DRU13216_Q1-2_2024 Audit_IE_2023 WMP- SA-12- 8.3.2.3 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E's Confidential Response in DRU13216 in attachment DRU13216_Q02_SA-12_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC

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8.3.3.1 - SA-02 - Line Sensor - Installations	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13210 in attachment DRU13210_Q1-2_2024 Audit_IE_2023 WMP- SA-02- 8.3.3.1 Primary Evidence.pdf</li> <li>▪ Documented in Confidential Response DRU13210 in attachment DRU13210_Q02_SA-02_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.3.3.3 - SA-03 - EFD and DFA Reporting	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13211 in attachment DRU13211_Q1-2_2024 Audit_IE_2023 WMP- SA-03- 8.3.3.3 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13211 in attachment DRU13211_Q02_SA-03_Atch02_Define EDRS_CONF.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13211 in attachment DRU13211_Q02_SA-03_Atch01_Event Count Comparison.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.3.3.3 - SA-10 - Distribution Fault Anticipation (DFA) Installations	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13214 attachment DRU13214_Q1-2_2024 Audit_IE_2023 WMP- SA-10- 8.3.3.3 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment DRU13214_Q02_SA-10_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.3.3.3 - SA-11 - Early Fault Detection (EFD) Installations	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13215 attachment in DRU13215_Q1-2_2024 Audit_IE_2023 WMP- SA-11- 8.3.3.3 Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment DRU13215_Q02_SA-11_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.3.6.3 - SA-04 - FPI and IPW Modeling - Revision Evaluation	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13212 in attachment DRU13212_Q1-2_2024 Audit_IE_2023 WMP- SA-04- 8.3.6.3 Primary Evidence.pdf</li> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13212 in attachment DRU13212_Q02_SA-04_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.3.6.3 - SA-05 - Evaluate FPI and IPW Modeling	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E’s Confidential Response in DRU13213 in attachment DRU13213_Q1-2_2024 Audit_IE_2023 WMP- SA-05- 8.3.6.3 Primary Evidence.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC

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enhancements in 2023 - 2025	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13213 in attachment DRU13213_Q02_SA-05_Atch01_Define EDRS_CONF.pdf</li> </ul>		
8.4.2.3.1 - EP-01 - Complete PSPS and Wildfire Tabletop and Functional Exercises	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13233 in attachment DRU13233_Q1-2_2024 Audit_IE_2023 WMP- EP-01- 8.4.2.3.1 Primary Evidence.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13233 in attachment DRU13233_Q02_EP-01_Atch01_EMER-2003S_CONF.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13233 in attachment DRU13233_Q02_EP-01_Atch02_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.4.3.1 - EP-02 - Maintain all hazards planning and preparedness program in 2023 - 2025	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13234 in attachment DRU13234_Q1-2_2024 Audit_IE_2023 WMP- EP-02- 8.4.3.1 Primary Evidence.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13234 in attachment Documented in PG&amp;E's Confidential Response in DRU13234 in attachment DRU13234_Q02_EP-02_Atch01_EMER-2001S (Rev 7)_CONF.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13234 in attachment DRU13234_Q02_EP-02_Atch02_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.4.3.1 - EP-04 - Expand all hazards planning to include additional threats and scenarios in 2023 - 2025	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13236 in attachment DRU13236_Q02_EP-04_Atch01_EMER-2001S-Company Emergency Response_CONF.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13236 in attachment DRU13236_Q02_EP-04_Atch02_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.4.3.1 - EP-06 - Review, and revise the CERP and 2 Wildfire Related Annexes on a yearly basis	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13237 in attachment DRU13237_Q1-2_2024 Audit_IE_2023 WMP- EP-06- 8.4.3.1 Primary Evidence.pdf</li> <li>Documented in Confidential attachment DRU13237_Q02_EP-06_Atch01_EMER-2001S-CERP_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC

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	<ul style="list-style-type: none"> <li>Documented in Confidential attachment DRU13237_Q02_EP-06_Atch02_Define EDRS_CONF.pdf</li> </ul>		
8.4.3.1 - EP-08 - Threats and Hazards Identification and Risk Assessment (THIRA) updates	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13238 in attachment DRU13238_Q02_EP-08_Atch01_Approval_CONF.pdf</li> <li>Documented in PG&amp;E's Confidential Response in DRU13238 in attachment DRU13238_Q02_EP-08_Atch02_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.5.2 - CO-01 - Community Engagement - Meetings	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13223 in attachment DRU13223_Q1-2_2024 Audit_IE_2023 WMP- CO-01- 8.5.2 Primary Evidence.pdf</li> <li>Documented in Confidential attachment DRU13223_Q02_CO-01_Atch01_Event Material Approval_CONF.pdf</li> <li>Documented in Confidential attachment DRU13223_Q02_CO-01_Atch02_Event Invite Example_CONF.pdf</li> <li>Documented in Confidential attachment DRU13223_Q02_CO-01_Atch03_Validation and Approval Process_CONF.pdf</li> <li>Documented in Confidential attachment DRU13223_Q02_CO-01_Atch04_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.5.2 - CO-02 - Community Engagement - Surveys	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13225 attachment DRU13225_Q1-2_2024 Audit_IE_2023 WMP- CO-02- 8.5.2 Primary Evidence.pdf</li> <li>Documented in Confidential attachment DRU13225_Q02_CO-02_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.5.2 - CO-04 - Community Engagement - Outreach to HFRA Infrastructure Customers	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13227 attachment DRU13227_Q1-2_2024 Audit_IE_2023 WMP- CO-04- 8.5.2 Primary Evidence.pdf</li> <li>Documented in attachment DRU13227_Q02_CO-04_Atch01_Critical Customer Outreach Discussion Guide.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC

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	<ul style="list-style-type: none"> <li>Documented in Confidential attachment DRU13227_Q02_CO-04_Atch02_Define EDRS_CONF.pdf</li> </ul>		
8.5.2 - CO-05 - Community Engagement - Outage Preparedness Campaign	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13230 in attachment DRU13230_Q1-2_2024 Audit_IE_2023 WMP- CO-05- 8.5.2 Primary Evidence.pdf</li> <li>Documented in Confidential attachment DRU13230_Q02_CO-05_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
8.5.3 - PS-06 - Provide 12,000 new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13205 in attachment DRU13205_Q1-2_2024 Audit_IE_2023 WMP- PS-06- 8.5.3 Primary Evidence</li> <li>Documented in Confidential attachment DRU13205_Q02_PS-06_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
9.1.2 - PS-08 - Evaluate emerging technologies to reduce PSPS customer impact	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13207 in attachment DRU13207_Q1-2_2024 Audit_IE_2023 WMP-PS-08-Primary Evidence.pdf</li> <li>Documented in Confidential attachment DRU13207_Q02_PS-08_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
9.1.2 - PS-10 - Continue sharing PSPS lessons learned	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response DRU13208 in attachment DRU13208_Q1-2_2024 Audit_IE_2023 WMP-PS-10-Primary Evidence.pdf</li> <li>Documented in Confidential attachment DRU13208_Q02_PS-10_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
9.1.5 - PS-07 - PSPS Customer Impact Reduction	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential Response in DRU13206 in attachment DRU13206_Q1-2_2024 Audit_IE_2023 WMP- PS-07- 9.1.5 Primary Evidence.pdf</li> <li>Documented in Confidential attachment DRU13206_Q02_PS-07_Atch01_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC
9.2.1 - PS-01 - Evaluate enhancements	<ul style="list-style-type: none"> <li>Documented in PG&amp;E's Confidential response DRU13201 in attachment</li> </ul>	Activity Validated	Embedded QA or QC,



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for the PSPS Transmission guidance	DRU13201_Audit_DR_Independent Evaluator_D001.pdf <ul style="list-style-type: none"> <li>▪ Documented in Confidential attachment DRU13201_Q02_PS-01_Atch01_Define EDRS_CONF.pdf</li> </ul>		WMP PMO QC
9.2.1 - PS-02 - Evaluate incorporation of approved IPW enhancements into the PSPS Distribution guidance	<ul style="list-style-type: none"> <li>▪ Documented in PG&amp;E's Confidential response DRU13204 in attachment DRU13204_Q1-2_2024 Audit_IE_2023 WMP-PS-02_Primary Evidence.pdf</li> <li>▪ Documented in Confidential attachment DRU13204_Q02_PS-02_Atch01_WRGSC_CONF.pdf</li> <li>▪ Documented in Confidential attachment DRU13204_Q02_PS-02_Atch02_Define EDRS_CONF.pdf</li> </ul>	Activity Validated	Embedded QA or QC, WMP PMO QC

## 4. CONCLUSION

PG&E's 2023 to 2025 WMP builds on the previous cycle by incorporating more EC collaboration along with community outreach and education while continuing to implement the latest innovative technologies available to further improve their wildfire safety record. Throughout the 2024 Independent Evaluator process, PG&E has continued to conduct itself professionally with punctual and complete responses to IE data requests, SME interview processes and regularly conducted meetings with the IE staff. Based on the overall evaluation of the Independent Evaluator process with in-depth reviews of PG&E's 2023 WMP list of initiatives, we have determined that PG&E has met their 2023 WMP goals of reducing the risk of wildfires in the communities it serves.

See Appendix A for the complete list of 2023 initiatives and summary tables in section 3.1 for IE findings for Large Volume - Field Verifiable, Large Volume – Not Field Verifiable, Small Volume and Qualitative initiatives.



**APPENDICES**



**APPENDICES**

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## Appendix A – List of 2023 WMP Activities

SOW Category	2023 WMP Activities	WMP Category	2023 Initiative No.	Initiative Tracking ID	Utility Initiative Name	Initiative Activity
WMP Activity Completion	a. Large Volume Quantifiable Goal/Target - Field Verifiable	Grid Design, Operations and Maintenance	8.1.2.1	GH-01	System Hardening - Distribution	Covered conductor installation
WMP Activity Completion	a. Large Volume Quantifiable Goal/Target - Field Verifiable	Grid Design, Operations and Maintenance	8.1.2.2	GH-04	10K Undergrounding	Undergrounding of electric lines and/or equipment
WMP Activity Completion	a. Large Volume Quantifiable Goal/Target - Field Verifiable	Grid Design, Operations and Maintenance	8.1.2.10.1	GM-06	EPSS - Down Conductor Detection (DCD)	Downed Conductor Detection (DCD) Devices
WMP Activity Completion	a. Large Volume Quantifiable Goal/Target - Field Verifiable	Grid Design, Operations and Maintenance	8.1.2.10.4	GH-08	Surge Arrestor - Removals	Surge Arrestors
WMP Activity Completion	a. Large Volume Quantifiable Goal/Target - Field Verifiable	Grid Design, Operations and Maintenance	8.1.2.10.5	GH-10	Non-Exempt Expulsion Fuse - Removal	Non-Exempt Expulsion Fuses
WMP Activity Completion	a. Large Volume Quantifiable Goal/Target - Field Verifiable	Vegetation Management and Inspection	8.2.3.1	VM-02	Pole Clearing Program	Pole Clearing
WMP Activity Completion	a. Large Volume Quantifiable Goal/Target - Field Verifiable	Vegetation Management and Inspection	8.2.2.2.4	VM-04	Tree Removal	Fall-in Mitigation
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Grid Design, Operations and Maintenance	8.1.3.1.1	AI-02	Detailed Inspection Transmission – Ground	Ground Detailed Inspections
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Grid Design, Operations and Maintenance	8.1.3.1.2	AI-04	Detailed Inspection Transmission – Aerial	Aerial Detailed Inspections

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SOW Category	2023 WMP Activities	WMP Category	2023 Initiative No.	Initiative Tracking ID	Utility Initiative Name	Initiative Activity
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Grid Design, Operations and Maintenance	8.1.3.1.3	AI-05	Detailed Inspection Transmission – Climbing	Climbing Detailed Inspections
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Grid Design, Operations and Maintenance	8.1.3.1.4	AI-06	Perform Transmission Infrared Inspections	Infrared Inspections
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Grid Design, Operations and Maintenance	8.1.3.2.1	AI-07	Detailed Ground Inspections - Distribution	Detailed Ground Inspections
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Grid Design, Operations and Maintenance	8.1.6.1	GM-01	Asset Inspections - Quality Assurance	Quality Assurance (QA)
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Grid Design, Operations and Maintenance	8.1.6.2	GM-09	Asset Inspection – Quality Control	Quality Control (QC)
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Grid Design, Operations and Maintenance	8.1.7.1	GM-02	HFTD-HFRA Open Tag Reduction - Transmission	Open Work Orders - Transmission
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Grid Design, Operations and Maintenance	8.1.7.2	GM-03	HFTD-HFRA Open Tag Reduction – Distribution Backlog	Open Work Orders - Distribution
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.2.1.1	VM-01	LiDAR Data Collection - Transmission	Routine Transmission NERC and Non-NERC
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.2.1.1	VM-13	Routine Transmission – Ground	Routine Transmission – Ground
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.2.1.2	VM-14	Transmission Second Patrol	Transmission Second Patrol

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SOW Category	2023 WMP Activities	WMP Category	2023 Initiative No.	Initiative Tracking ID	Utility Initiative Name	Initiative Activity
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.2.1.3	VM-15	Integrated Vegetation Management - Transmission	Integrated Vegetation Management
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.2.2.1	VM-16	Distribution Routine Patrol	Distribution Routine Patrol
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.2.2.2	VM-17	Distribution Second Patrol	Distribution Second Patrol
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.2.2.5	VM-03	Focused Tree Inspection Program	Focused Tree Inspections
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.2.3.1	VM-05	Defensible Space Inspections - Distribution Substation	Substation Defensible Space
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.5	VM-08	Vegetation Management – Quality Verification	Quality Assurance and Quality Control
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Vegetation Management and Inspection	8.2.5.2	VM-22	Vegetation Management - Quality Control	Quality Control
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Public Safety Power Shutoff	8.5.3	PS-06	Provide 12,000 new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS	Customer Support in Wildfire and PSPS Emergencies

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SOW Category	2023 WMP Activities	WMP Category	2023 Initiative No.	Initiative Tracking ID	Utility Initiative Name	Initiative Activity
WMP Activity Completion	b. Large Volume Quantifiable Goal/Target – Not Field Verifiable	Public Safety Power Shutoff	9.1.5	PS-07	PSPS Customer Impact Reduction	Performance Metrics Identified by the Electrical Corporation
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Grid Design, Operations and Maintenance	8.1.2.5.1	GH-05	System Hardening - Transmission	Traditional overhead hardening - Transmission
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Grid Design, Operations and Maintenance	8.1.2.5.1	GH-06	System Hardening - Transmission Shunt Splices	Traditional overhead hardening - Transmission
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Grid Design, Operations and Maintenance	8.1.2.8.1	GH-07	Distribution Protective Devices	Installation of System Automation Equipment – Distribution EPSS Protective Devices
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Grid Design, Operations and Maintenance	8.1.2.10.3	GH-09	Distribution Line Motor Switch Operator (MSO) - Replacements	Motor Switch Operator (MSO) Switch Replacement
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Grid Design, Operations and Maintenance	8.1.3.3.1	AI-08	Supplemental Inspections - Substation Distribution	Asset Inspection Program - Substation
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Grid Design, Operations and Maintenance	8.1.3.3.1	AI-09	Supplemental Inspections - Substation Transmission	Asset Inspection Program - Substation
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Grid Design, Operations and Maintenance	8.1.3.3.1	AI-10	Supplemental Inspections - Hydroelectric Substations and Powerhouses	Asset Inspection Program - Substation



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SOW Category	2023 WMP Activities	WMP Category	2023 Initiative No.	Initiative Tracking ID	Utility Initiative Name	Initiative Activity
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Vegetation Management and Inspection	8.2.2.3.1	VM-06	Defensible Space Inspections - Transmission Substation	Substation Defensible Space
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Vegetation Management and Inspection	8.2.2.3.1	VM-07	Defensible Space Inspections - Hydroelectric Substations and Powerhouses	Substation Defensible Space
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Situational Awareness and Forecasting	8.3.3.1	SA-02	Line Sensor - Installations	Grid Monitoring Systems, Existing Systems, Technologies, and Procedures
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Situational Awareness and Forecasting	8.3.3.3	SA-10	Distribution Fault Anticipation (DFA) Installations	Grid Monitoring Systems, Planned Improvements
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Situational Awareness and Forecasting	8.3.3.3	SA-11	Early Fault Detection (EFD) Installations	Grid Monitoring Systems, Planned Improvements
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Emergency Preparedness	8.4.3.1	EP-06	Review, and revise the CERP and 2 Wildfire Related Annexes on a yearly basis	Emergency Planning
WMP Activity Completion	c. Small (less than 100 items) Volume Quantifiable Goal/Target	Community Outreach and Engagement	8.5.2	CO-02	Community Engagement - Surveys	Public Outreach and Education Awareness Program
WMP Activity Completion	d. Qualitative Goal/Target	Grid Design, Operations and Maintenance	8.1.2.1	GH-03	Evaluate and Implement Covered Conductor Effectiveness Impact	Covered conductor installation

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SOW Category	2023 WMP Activities	WMP Category	2023 Initiative No.	Initiative Tracking ID	Utility Initiative Name	Initiative Activity
					on Inspections and Maintenance Standards	
WMP Activity Completion	d. Qualitative Goal/Target	Grid Design, Operations and Maintenance	8.1.3.2.7	AI-03	Develop Distribution Aerial Inspections program	Pilot Inspections
WMP Activity Completion	d. Qualitative Goal/Target	Grid Design, Operations and Maintenance	8.1.5	AI-11	Filling Asset Inventory Data Gaps	Asset Management and Inspection Enterprise System(s)
WMP Activity Completion	d. Qualitative Goal/Target	Grid Design, Operations and Maintenance	8.1.9.1	AI-01	Retainment of Inspectors and Internal Workforce Development	Asset Inspections
WMP Activity Completion	d. Qualitative Goal/Target	Vegetation Management and Inspection	8.2.6	VM-09	Constraint Resolution Procedural Guideline	Open Work Orders
WMP Activity Completion	d. Qualitative Goal/Target	Situational Awareness and Forecasting	8.3.2.3	SA-01	AI in Wildfire Cameras	Planned Improvements
WMP Activity Completion	d. Qualitative Goal/Target	Situational Awareness and Forecasting	8.3.2.3	SA-12	Evaluate the use and effectiveness of real-time monitoring tools	Planned Improvements
WMP Activity Completion	d. Qualitative Goal/Target	Situational Awareness and Forecasting	8.3.3.3	SA-03	EFD and DFA Reporting	Grid Monitoring Systems, Planned Improvements
WMP Activity Completion	d. Qualitative Goal/Target	Situational Awareness and Forecasting	8.3.6.3	SA-04	FPI and IPW Modeling - Revision Evaluation	Planned Improvements

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SOW Category	2023 WMP Activities	WMP Category	2023 Initiative No.	Initiative Tracking ID	Utility Initiative Name	Initiative Activity
WMP Activity Completion	d. Qualitative Goal/Target	Situational Awareness and Forecasting	8.3.6.3	SA-05	Evaluate FPI and IPW Modeling enhancements in 2023 - 2025	Planned Improvements
WMP Activity Completion	d. Qualitative Goal/Target	Emergency Preparedness	8.4.2.3.1	EP-01	Complete PSPS and Wildfire Tabletop and Functional Exercises	Drills, Simulations, and Tabletop Exercises
WMP Activity Completion	d. Qualitative Goal/Target	Emergency Preparedness	8.4.3.1	EP-02	Maintain all hazards planning and preparedness program in 2023 - 2025	Emergency Planning
WMP Activity Completion	d. Qualitative Goal/Target	Emergency Preparedness	8.4.3.1	EP-04	Expand all hazards planning to include additional threats and scenarios in 2023 - 2025	Emergency Planning
WMP Activity Completion	d. Qualitative Goal/Target	Emergency Preparedness	8.4.3.1	EP-08	Threats and Hazards Identification and Risk Assessment (THIRA) updates	Emergency Planning
WMP Activity Completion	d. Qualitative Goal/Target	Community Outreach and Engagement	8.5.2	CO-01	Community Engagement - Meetings	Public Outreach and Education Awareness Program
WMP Activity Completion	d. Qualitative Goal/Target	Community Outreach and Engagement	8.5.2	CO-04	Community Engagement - Outreach to HFRA Infrastructure Customers	Public Outreach and Education Awareness Program

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SOW Category	2023 WMP Activities	WMP Category	2023 Initiative No.	Initiative Tracking ID	Utility Initiative Name	Initiative Activity
WMP Activity Completion	d. Qualitative Goal/Target	Community Outreach and Engagement	8.5.2	CO-05	Community Engagement - Outage Preparedness Campaign	Public Outreach and Education Awareness Program
WMP Activity Completion	d. Qualitative Goal/Target	Public Safety Power Shutoff	9.1.2	PS-08	Evaluate emerging technologies to reduce PSPS customer impact	Risk Thresholds (e.g., WS, FPI, etc.) and Decision Making Process That Determine the Need for a PSPS
WMP Activity Completion	d. Qualitative Goal/Target	Public Safety Power Shutoff	9.1.2	PS-10	Continue sharing PSPS lessons learned	Risk Thresholds (e.g., WS, FPI, etc.) and Decision Making Process That Determine the Need for a PSPS
WMP Activity Completion	d. Qualitative Goal/Target	Public Safety Power Shutoff	9.2.1	PS-01	Evaluate enhancements for the PSPS Transmission guidance	Risk Thresholds (e.g., WS, FPI, etc.) and Decision Making Process That Determine the Need for a PSPS
WMP Activity Completion	d. Qualitative Goal/Target	Public Safety Power Shutoff	9.2.1	PS-02	Evaluate incorporation of approved IPW enhancements into the PSPS Distribution guidance	Risk Thresholds (e.g., WS, FPI, etc.) and Decision Making Process That Determine the Need for a PSPS

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## Appendix B – List of Documents Reviewed

Item No.	Documents Reviewed - Public	Document Date
1	Pacific Gas and Electric’s Annual Report on Compliance with General Order 166 – Compliance Period: January 1, 2022 to December 31, 2022, <a href="https://www.cpuc.ca.gov/-/media/cpuc-website/divisions/safety-policydivision/reports/pge-2022-go-166-report-public.pdf">https://www.cpuc.ca.gov/-/media/cpuc-website/divisions/safety-policydivision/reports/pge-2022-go-166-report-public.pdf</a> , Access Date 5/22/24	4/27/2023
2	California Power Line Fire Prevention Field Guide 2021 Edition, <a href="https://cdnverify.osfm.fire.ca.gov/media/3vqj2sft/2021-power-line-fire-prevention-field-guide-ada-final_jf_20210125.pdf">https://cdnverify.osfm.fire.ca.gov/media/3vqj2sft/2021-power-line-fire-prevention-field-guide-ada-final_jf_20210125.pdf</a> , Access Date 5/6/24	1/25/2021
3	Installing OH Distribution Line Reclosers, Document Number 094669, <a href="https://www.pge.com/assets/pge/docs/about/doing-business-with-pge/094669.pdf">https://www.pge.com/assets/pge/docs/about/doing-business-with-pge/094669.pdf</a> , Access Date 6/8/24	11/15/2021
4	Low-flying helicopter circles over Tuolumne County to inspect PG&E power line, <a href="https://www.uniondemocrat.com/news/article_3c74e054-482d-11ee-a4ab-57318a67350b.html">https://www.uniondemocrat.com/news/article_3c74e054-482d-11ee-a4ab-57318a67350b.html</a> , Access Date 6/9/24	8/31/2023
5	PG&E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations (Appendix I: 2023 WMP Initiative Commitments)	2/1/2024
6	PG&E Quarterly Notification Regarding Implementation of its Wildfire Mitigation Plan and its Safety Recommendations	5/1/2024
7	Press Release - PG&E and California Fire Foundation Open Applications for Wildfire Safety and Preparedness Grants - Article discusses how funding in 2023 supported various initiatives	5/28/2024 & 6/3/2024
8	OEIS Docket # 2023-QDR Docket Log <a href="https://efiling.energysafety.ca.gov/Lists/DocketLog.aspx?docketnumber=2023-QDR">https://efiling.energysafety.ca.gov/Lists/DocketLog.aspx?docketnumber=2023-QDR</a>	5/1/2024
9	OEIS Docket # 2023-EC-ARC Docket Log <a href="https://efiling.energysafety.ca.gov/Lists/DocketLog.aspx?docketnumber=2023-EC_ARC">https://efiling.energysafety.ca.gov/Lists/DocketLog.aspx?docketnumber=2023-EC_ARC</a>	5/1/2024
10	PG&E’s 2023 Annual Report on Compliance (2023 Annual Report) for the 2023-2025 Wildfire Mitigation Plan (WMP) (Docket #: 2023-EC_ARC)	4/2/2024
11	Attachment Table 4 – Planned Budget vs Actual Expenditure File Name: TN13833_20240402T134235_PGE_2023ARC_20240402_Table_4xlsx	4/2/2024
12	PG&E’s 2023 Annual Report on Compliance, Revision 1 (R1), for the 2023-2025 Wildfire Mitigation Plan (WMP) (Docket #: 2023-EC_ARC)	4/25/2024
13	Wildfire Mitigation Data Tables Template: Tables 1 - 15 (2023 Q4 QDR) File Name: TN13912_20240416T164139_PGE_2023_Q4_Tables115_R2.xlsx	4/16/2024

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## Appendix C – Data Log, Data and Interview Requests

PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
PG&E_DR000	NA	BVNA	2023 Wildfire Mitigation Plan	4/15/2024	Not used	NA	DRU13413_Audit_DR001_Independent Evaluator_D001
PG&E_DR001	4/12/2024	BVNA	2023 Wildfire Mitigation Plan	4/17/2024	Not used	DRU13413	DRU13413_Audit_DR001_Independent Evaluator_D001
PG&E_DR002	4/12/2024	BVNA	2023 Wildfire Mitigation Plan	4/17/2024	Not used	DRU13414	DRU13414_Audit_DR002_Independent Evaluator_D001 DRU13414_Q01_Atch01_2023 WMP Initiatives_QA_QC
General email question	5/15/2024	BVNA	Community Outreach SME	5/15/2024	Not used	DRU 13569	DRU13569_2024 Audit_IE_SME Slide Presentation_Independent Evaluator_D001 DRU13569_OEIS Confidentiality Declaration DRU13569_Q01_Atch01_Community Outreach_CONF DRU13569_Q01_Atch01_Community Outreach_Redacted
PG&E_DR004, Not Used							
PG&E_DR005, Not Used							
PG&E_DR006, Not Used							
PG&E_DR007, Not Used							

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
PG&E_DR008, Not Used							
PG&E_DR009, Not Used							
PG&E_DR010	5/7/2024	C2	8.1.2.1 - GH-01 - System Hardening - Distribution	4/22/2024	8.1.2.1 - GH-01	DRU 13240	DRU13240_OEIS Confidentiality Declaration DRU13240_Q01_GH-01_Atch01_System Hardening (Distribution) - Q4 2023 DRU13240_Q1-2_2024 Audit_IE_2023 WMP-GH-01-8.1.2.1 Primary Evidence DRU13240_Q02_GH-01Atch01_Draft Utility Procedure System Hardening_CONF DRU13240_Q02_GH-01Atch01_Draft Utility Procedure System Hardening_Redacted DRU13240_Q02_GH-01_Atch02_35026643_ConDWGRev2_CONF DRU13240_Q02_GH-01_Atch02_35026643_ConDWGRev2_Redacted DRU13240_Q02_GH-01_Atch03_35026643-DIAMOND-SPRINGS-1105-LR-2102-4_CONF DRU13240_Q02_GH-01_Atch03_35026643-DIAMOND-SPRINGS-1105-LR-2102-4_Redacted DRU13240_Q02_GH-01_Atch04_Define EDRS_CONF DRU13240_Q02_GH-01_Atch04_Define EDRS_Redacted
PG&E_DR010	5/7/2024	C2	8.1.2.1 - GH-01 - System	5/13/2024	8.1.2.1 - GH-01	DRU13535	DRU13535 Redacted Attachments (ZIP file) DRU13535_Audit_DR010_Independent

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
			Hardening - Distribution				Evaluator_D001 DRU13535_OEIS Confidentiality Declaration DRU13535_Q01-GH-01_CD and Audits_CONF (ZIP file)
PG&E_DR011	5/7/2024	C2	8.1.2.2 - GH-04 - 10K Undergrounding	4/22/2024	8.1.2.2 - GH-04	DRU 13256	DRU13256_OEIS Confidentiality Declaration DRU13256_Q01_GH-04_Atch01_System Hardening (10K Undergrounding) 2023 DRU13256_Q1-2_2024 Audit_IE_2023 WMP-GH-04- 8.1.2.2 Primary Evidence DRU13256_Q02_GH-04 Atch02_35057010 Sheet 1 - ASBUILT DWG_CONF DRU13256_Q02_GH-04_Atch02_35057010 Sheet 1 - ASBUILT DWG_Redacted DRU13256_Q02_GH-04_Atch03_35057010-CWSP-EL-DORADO-2101-19752-PH-2-1-4_CONF DRU13256_Q02_GH-04_Atch03_35057010-CWSP-EL-DORADO-2101-19752-PH-2-1-4_Redacted DRU13256_Q02_GH-04_Atch04_Define EDRS_CONF DRU13256_Q02_GH-04_Atch04_Define EDRS Redacted
PG&E_DR011	5/7/2024	C2	8.1.2.2 - GH-04 - 10K Undergrounding	5/13/2024	8.1.2.2 - GH-04	DRU 13536	DRU13536_Audit_DR011_Independent Evaluator_D001 DRU13536_OEIS Confidentiality Declaration DRU13536_Q01-GH-04_CD and Audits_CONF (ZIP file)



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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13536_Q01-GH-04_CD and Audits_Redacted (ZIP file)
PG&E_DR012, Not used	N/A Tranche 1	C2	8.1.2.10.4 - GH-08 - Surge Arrestor - Removals	4/22/2024	8.1.2.10.4 - GH-08	DRU 13268	DRU13268_OEIS Confidentiality Declaration DRU13268_Q01_GH-08_Atch01_Surge Arrestor - Removals WARI Workplan_01042024 DRU13268_Q1-2_2024 Audit_IE_2023 WMP-GH-08- 8.1.2.10.4 Primary Evidence DRU13268_Q02_GH-08_Atch01_SA Desktop Audit_CONF DRU13268_Q02_GH-08_Atch01_SA Desktop Audit_Redacted DRU13268_Q02_GH-08_Atch02_SA QC Inspection_CONF DRU13268_Q02_GH-08_Atch02_SA QC Inspection_Redacted DRU13268_Q02_GH-08_Atch03_Define EDRS_CONF DRU13268_Q02_GH-08_Atch03_Define EDRS_Redacted
PG&E_DR013 - Not Used	N/A Tranche 1	C2	8.1.2.10.5 - GH-10 - Non-Exempt Expulsion Fuse - Removal	4/22/2024	8.1.2.10.5 - GH-10	DRU 13273	DRU13273_OEIS Confidentiality Declaration DRU13273_Q01_GH-10_Atch01_Non-Exempt Fuse Replacements WARI Workplan DRU13273_Q1-2_2024 Audit_IE_2023 WMP-GH-10- 8.1.2.10.5 Primary Evidence DRU13273_Q02_GH-10_Atch01_31638524_QAPASSED_CONF DRU13273_Q02_GH-

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							10_Atch01_31638524_QAPASSED_Redacted DRU13273_Q02_GH-10_Atch02_Define EDRS_CONF DRU13273_Q02_GH-10_Atch02_Define EDRS_Redacted
PG&E_DR014 - Not used	N/A Tranche 1	C2	8.1.2.10.1 - GM-06 - EPSS - Down Conductor Detection (DCD)	4/22/2024	8.1.2.10.1 - GM-06	DRU 13190	DRU13190_OEIS Confidentiality Declaration DRU13190_Q01_GM-06_Atch01_2023 EPSS - Down Conductor Detection_CONF DRU13190_Q01_GM-06_Atch01_2023 EPSS - Down Conductor Detection_Redacted DRU13190_Q1-2_2024 Audit_IE_2023 WMP- GM-06- 8.1.2.10.1 Primary Evidence DRU13190_Q1-2_2024 Audit_IE_2023 WMP- GM-06- 8.1.2.10.1 Primary Evidence (1) DRU13190_Q02_GM-06_Atch01_PB example_CONF DRU13190_Q02_GM-06_Atch01_PB example_Redacted DRU13190_Q02_GM-06_Atch02_IPScom File Compare_CONF DRU13190_Q02_GM-06_Atch02_IPScom File Compare_Redacted DRU13190_Q02_GM-06_Atch03_Define EDRS_CONF DRU13190_Q02_GM-06_Atch03_Define EDRS_Redacted

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
PG&E_DR015 - Not used	N/A Tranche 1	C2	8.2.3.1 - VM-02 - Pole Clearing Program	4/24/2024	8.2.3.1 - VM-02	DRU 13226	DRU13226_OEIS Confidentiality Declaration DRU13226_Q01_VM-02_Atch01_Pole Clearing Final_CONF DRU13226_Q01_VM-02_Atch01_Pole Clearing Final_Redacted DRU13226_Q1-2_2024 Audit_IE_2023 WMP-VM-02- 8.2.3.1 Primary Evidence DRU13226_Q02_VM-02_Atch01_Define EDRS_CONF DRU13226_Q02_VM-02_Atch01_Define EDRS_Redacted
PG&E_DR015.1	6/3/2024	C2	8.2.3.1 - VM-02 - Pole Clearing Program	6/4/2024	8.2.3.1 - VM-02	DRU 13718	DRU13718_Audit_DR015.1_Independent Evaluator_D001
PG&E_DR016 - Not used	N/A Tranche 1	C2	8.2.3.4 - VM-04 - Tree Removal	4/22/2024	8.2.3.4 - VM-04	DRU 13239	DRU13239_OEIS Confidentiality Declaration DRU13239_Q01_VM-04_Atch01_VM-04 TRI 2023 YTD Final DRU13239_Q1-2_2024 Audit_IE_2023 WMP- VM-04- 8.2.2.2.4 Primary Evidence DRU13239_Q02_VM-04_Atch02_Define EDRS_CONF DRU13239_Q02_VM-04_Atch02_Define EDRS_Redacted
PG&E_DR017	4/25/2024	BVNA	WMP Section: 8.1.3.1.2 Initiative: AI-04	4/30/2024	8.1.3.1.2 - AI-04	DRU 13193	DRU13193_OEIS Confidentiality Declaration DRU13193_Q01_AI-04_Atch01_Detailed Inspection Transmission-Aerial DRU13193_Q1-2_2024 Audit_IE_2023 WMP- AI-04- 8.1.3.1.2 Primary Evidence

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13193_Q02_AI-04_Atch01_LIRS Overview of Responsibilities 2024 DRU13193_Q02_AI-04_Atch02_IRS Overview of Responsibilities 2024 DRU13193_Q02_AI-04_Atch03_Define EDRS_CONF DRU13193_Q02_AI-04_Atch03_Define EDRS_Redacted
PG&E_DR017.b	5/2/2024	BVNA	WMP Section: 8.1.3.1.2 Initiative: AI-04	5/7/2024	8.1.3.1.2 - AI-04	DRU 13504	DRU13504_Audit_DR017b_Independent Evaluator_D001 DRU13504_OEIS Confidentiality Declaration DRU13504_Q01_AI-04_Inspection Reports_158_CONF (ZIP file) DRU13504_Q01_AI-04_Inspection Reports_158_Redacted (ZIP file)
PG&E_DR018	4/24/2024	BVNA	Detailed Inspection Transmission - Ground	4/29/2024	8.1.3.1.4 - AI-06	DRU 13197	DRU13197_OEIS Confidentiality Declaration DRU13197_Q01_AI-06_Atch01_Inspection Transmission DRU13197_Q1-2_2024 Audit_IE_2023 WMP- AI-06- 8.1.3.1.4 Primary Evidence DRU13197_Q02_AI-06_Atch01_Flow Chart DRU13197_Q02_AI-06_Atch02_Define EDRS_CONF DRU13197_Q02_AI-06_Atch02_Define EDRS_Redacted
PG&E_DR018b	5/17/2024	BVNA	Tier 2 & Tier 3	5/22/2024	8.1.3.1.4 - AI-06	DRU 13537	DRU13537_Audit_DR018b_Independent Evaluator_D001

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13537_OEIS Confidentiality Declaration DRU13537_Q01_Atch01_Tier 2_Inspection Records_CONF (ZIP file) DRU13537_Q01_Atch01_Tier 2_Inspection Records_Redacted (ZIP file) DRU13537_Q02_Atch01_Tier 3_Inspection Records_CONF (ZIP file) DRU13537_Q02_Atch01_Tier 3_Inspection Records_Redacted (ZIP file) DRU13537_Q03_Atch01_Tier 2_Tier 3_Inspection Records_CONF (ZIP file) DRU13537_Q03_Atch01_Tier 2_Tier 3_Inspection Records_Redacted (ZIP file)
PG&E_DR019 - Not used	N/A Tranche 2	BVNA	8.1.3.1.1 - AI-02	4/24/2024	8.1.3.1.1 - AI-02	DRU13187	DRU13187_OEIS Confidentiality Declaration DRU13187_Q01_AI-02_Atch01_Detailed Inspection Transmission-Ground DRU13187_Q1-2_2024 Audit_IE_2023 WMP- AI-02- 8.1.3.1.1 Primary Evidence DRU13187_Q02_AI-02_Atch01_IRS Overview of Responsibilities 2024 DRU13187_Q02_AI-02_Atch02_Define EDRS_CONF DRU13187_Q02_AI-02_Atch02_Define EDRS_Redacted
PG&E_DR019.b	5/2/2024	BVNA	WMP Section: 8.1.3.1.1 Initiative: AI-02	5/14/2024	8.1.3.1.1 - AI-02	DRU 13553	DRU13553_Audit_DR019b_Independent Evaluator_D001 DRU13553_OEIS Confidentiality Declaration

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13553_Q001_AI-02_Atch01_Ground Inspections Reports_159_CONF (ZIP file) DRU13553_Q001_AI-02_Atch01_Ground Inspections Reports_159_Redacted (ZIP file)
PG&E_DR020	4/29/2024	BVNA	WMP Section: 8.1.3.1.3 Initiative: AI-05	5/1/2024	8.1.3.1.3 - AI-05	DRU 13195	DRU13195_OEIS Confidentiality Declaration DRU13195_Q01_AI-05_Atch01_Detailed Inspection Transmission- Climbing DRU13195_Q1-2_2024 Audit_IE_2023 WMP- AI-05- 8.1.3.1.3 Primary Evidence DRU13195_Q02_AI-05_Atch01_Define EDRS_CONF DRU13195_Q02_AI-05_Atch01_Define EDRS_Redacted
PG&E_DR020.b	5/6/2024	BVNA	WMP Section: 8.1.3.1.3 Initiative: AI-05	5/9/2024	8.1.3.1.3 - AI-05	DRU 13532	DRU13532_Audit_DR020b_Independent Evaluator_D001 DRU13532_OEIS Confidentiality Declaration DRU13532_Q01_AI-05_Atch01_Climbing Inspection Reports_63_CONF (ZIP file) DRU13532_Q01_AI-05_Atch01_Climbing Inspection Reports_63_Redacted (ZIP file)
PG&E_DR021 - Not used	N/A Tranche 2	BVNA	WMP Section: 8.1.3.2.1 Initiative: AI-06	4/24/2024	8.1.3.2.1 - AI-07	DRU 13199	DRU13199_OEIS Confidentiality Declaration DRU13199_Q01_AI-07_Atch01_Detailed Ground Inspections_Distribution DRU13199_Q1-2_2024 Audit_IE_2023 WMP- AI-07- 8.1.3.2.1 Primary Evidence DRU13199_Q02_AI-07_Atch01_Pronto WV ICC 2023_CONF

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13199_Q02_AI-07_Atch01_Pronto WV ICC 2023_Redacted DRU13199_Q02_AI-07_Atch02_Define EDRS_CONF DRU13199_Q02_AI-07_Atch02_Define EDRS_Redacted
PG&E_DR021.b	5/1/2024	BVNA	WMP Section: 8.1.3.2.1 Initiative: AI-07	5/6/2024	8.1.3.2.1 - AI-07	DRU 13497	DRU13497_Audit_DR021b_Independent Evaluator_D001 DRU13497_OEIS Confidentiality Declaration DRU13497_Q01_AI-07_Atch01_Inspection Reports_385_CONF (ZIP file) DRU13497_Q01_AI-07_Atch02_Inspection Reports_7_CONF (ZIP file)
NA	N/A Tranche 1	C2	8.1.6.1 Asset Inspections - Quality Assurance	4/22/2024	8.1.6.1 - GM-01	DRU 13281	DRU13281_OEIS Confidentiality Declaration DRU13281_Q01_GM-01_Atch01_2023 QASI Distribution YTD Raw Data DRU13281_Q01_GM-01_Atch02_2023 QASI Transmission YTD Raw Data DRU13281_Q1-2_2024 Audit_IE_2023 WMP-GM-01- 8.1.6.1 Primary Evidence DRU13281_Q02_GM-01_Atch01_Flowchart DRU13281_Q02_GM-01_Atch02_Define EDRS_CONF DRU13281_Q02_GM-01_Atch02_Define EDRS_Redacted
PG&E_DR022	5/10/2024	C2	8.1.6.1 Asset Inspections -	5/15/2024	8.1.6.1 - GM-01	DRU 13571	DRU13571_2024 Audit_IE_DR022_Independent Evaluator_D001

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
			Quality Assurance				DRU13571_OEIS Confidentiality Declaration DRU13571_Q01_Atch01_GM-01_63 Trans_Inspection_Records_CONF (ZIP file) DRU13571_Q01_Atch01_GM-01_63 Trans_Inspection_Records_Redacted (ZIP file) DRU13571_Q02_Atch01_GM-01_100 Dist_Inspection_Records_CONF (ZIP file) DRU13571_Q02_Atch01_GM-01_100 Dist_Inspection_Records_Redacted (ZIP file)
PG&E_DR022.1	6/3/2024	C2	8.1.6.1 Asset Inspections - Quality Assurance	6/6/2024	8.1.6.1 - GM-01	DRU13744	DRU13744_Audit_DR_Independent Evaluator_D001
PG&E_DR023 - Not used	N/A Tranche 1	BVNA	WMP Section: 8.1.7.1 Initiative: GM-02	4/22/2024	8.1.7.1 - GM-02	DRU 13283	DRU13283_OEIS Confidentiality Declaration DRU13283_Q01_GM-02_Atch01_2023 HFTD&HFRA Open Tag Reduction Transmission Q4 DRU13283_Q1-2_2024 Audit_IE_2023 WMP-GM-02- 8.1.7.1 Primary Evidence DRU13283_Q02_GM-02_Atch01_PPSOT-GUID-000015315_CONF DRU13283_Q02_GM-02_Atch01_PPSOT-GUID-000015315_Redacted DRU13283_Q02_GM-02_Atch02_PPSOT-GUID-000015316 DRU13283_Q02_GM-02_Atch03_Define EDRS_CONF



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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13283_Q02_GM-02_Atch03_Define EDRS_Redacted
PG&E_DR023.b	5/2/2024	BVNA	WMP Section: 8.1.7.1 Initiative: GM-02	5/8/2024	8.1.7.1 - GM-02	DRU 13512	DRU13512_Audit_DR023b_Independent Evaluator_D001 DRU13512_Q01_Atch02_Sample Size of 157 DRU13512_Q01_GM-02_Atch01_Reports_BCONF (ZIP file)
PG&E_DR023.c	5/10/2024	BVNA	WMP Section: 8.1.7.1 Initiative: GM-02	5/15/2024	8.1.7.1 - GM-02	DRU 13574	DRU13574_Audit_DR023c_Independent Evaluator_D001 DRU13574_Q01_Atch01_Sample Size of 1
PG&E_DR023.b	NA	BVNA	WMP Section: 8.1.7.1 Initiative: GM-02	5/22/2024	8.1.7.1 - GM-02	DRU 13512	DRU13512_Q01_Atch01_GM-02_Reports_Redacted (ZIP file) DRU13512_Audit_DR_Independent Evaluator_D002 DRU13512_Supp01_OEIS Confidentiality Declaration DRU13512_Q01_Atch01_GM-02_Reports_CONF (ZIP file)
PG&E_DR024 - Not used	N/A Tranche 2	BVNA	WMP Section: 8.1.7.2 Initiative: GM-03	4/24/2024	8.1.7.2 - GM-03	DRU 13285	DRU13285_OEIS Confidentiality Declaration DRU13285_Q01_GM-03_Atch01_2023 WMP Q4 DRU13285_Q1-2_2024 Audit_IE_2023 WMP- GM-03- 8.1.7.2 Primary Evidence DRU13285_Q02_GM-03_Atch01_RISK-6301S QM_CONF DRU13285_Q02_GM-03_Atch01_RISK-6301S QM_Redacted

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13285_Q02_GM-03_Atch02_RISK-6301M_QM_CONF DRU13285_Q02_GM-03_Atch02_RISK-6301M_QM_Redacted DRU13285_Q02_GM-03_Atch03_RISK-6301P-12_CONF DRU13285_Q02_GM-03_Atch03_RISK-6301P-12_Redacted DRU13285_Q02_GM-03_Atch04_DefineEDRS_CONF DRU13285_Q02_GM-03_Atch04_DefineEDRS_Redacted
PG&E_DR024.b	5/2/2024	BVNA	WMP Section: 8.1.7.2 Initiative: GM-03	5/7/2024	8.1.7.2 - GM-03	DRU 13505	DRU13505_Audit_DR024b_Independent Evaluator_D001 DRU13505_OEIS Confidentiality Declaration DRU13505_Q01_GM-03_Atch01_05032024 DRU13505_Q004_GM-03_Atch01_Utility Standard-TD-7201S_CONF
NA	N/A Tranche 1	C2	8.1.6.2 Asset Inspection – Quality Control	4/23/2024	8.1.6.2 - GM-09	DRU 13192	DRU13192_OEIS Confidentiality Declaration DRU13192_Q01_GM-09_Atch01_TransmissionDesktop DRU13192_Q01_GM-09_Atch02_TransmissionField DRU13192_Q01_GM-09_Atch03_DistributionDesktop DRU13192_Q01_GM-09_Atch04_DistributionField

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13192_Q1-2_2024 Audit_IE_2023 WMP-GM-09- 8.1.6.2 Primary Evidence DRU13192_Q02_GM-09_Atch01_Transmission Desktop Process Flow DRU13192_Q02_GM-09_Atch02_Transmission Field Process Flow DRU13192_Q02_GM-09_Atch03_Distribution Desktop Process Flow DRU13192_Q02_GM-09_Atch04_Distribution Field Process Flow DRU13192_Q02_GM-09_Atch05_Define EDRS_CONF DRU13192_Q02_GM-09_Atch05_Define EDRS_Redacted
PG&E_DR025	5/13/2024	C2	8.1.6.2 Asset Inspection – Quality Control	5/20/2024	8.1.6.2 - GM-09	DRU 13600	DRU13600_Q01_GM-09_Atch01_QC Transmission Desktop Sample_158_Inspection Reports_BCONF (ZIP file) DRU13600_Q01_GM-09_Atch02_QC Transmission Field Sample_63_Inspection Reports_BCONF (ZIP file) DRU13600_Audit_DR025_Independent Evaluator_D001 DRU13600_Q01_GM-09_Atch04_QC Distribution Field Sample_250_Inspection Reports_BCONF (ZIP file) DRU13600_Q01_GM-09_Atch03_QC Distribution Desktop Sample_400_Inspection Reports_BCONF (ZIP file)

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
PG&E_DR025.1	6/3/2024	C2	8.1.6.2 Asset Inspection – Quality Control	6/6/2024	8.1.6.2 - GM-09	DRU13747	DRU13747_Audit_DR_Independent Evaluator_D001
PG&E_DR026	4/25/2024	BVNA	WMP Section: 8.5.3 Initiative: PS-06	4/30/2024	8.5.3 - PS-06	DRU 13205	DRU13205_OEIS Confidentiality Declaration DRU13205_Q01_PS-06_Atch01_PBP and DDAR FINAL_CONF DRU13205_Q1-2_2024 Audit_IE_2023 WMP-PS-06- 8.5.3 Primary Evidence (1) DRU13205_Q1-2_2024 Audit_IE_2023 WMP-PS-06- 8.5.3 Primary Evidence DRU13205_Q02_PS-06_Atch01_Define EDRS_CONF DRU13205_Q02_PS-06_Atch01_Define EDRS_Redacted
PG&E_DR026.b	5/3/2024	BVNA	WMP Section: 8.5.3 Initiative: PS-06	5/8/2024	8.5.3 - PS-06	DRU 13517	DRU13517_Audit_DR026b_Independent Evaluator_D001 DRU13517_OEIS Confidentiality Declaration DRU13517_Q01_PS-06_100 Battery Invoices_Waivers_CONF (ZIP file) DRU13517_Q01_PS-06_100 Battery Invoices_Waivers_Redacted (ZIP file)
PG&E_DR027	4/24/2024	BVNA	PSPS Customer Impact Reduction	5/7/2024	9.1.5 - PS-07	DRU 13206	DRU13206_OEIS Confidentiality Declaration DRU13206_Q01_PS-07_Atch01_PSPS Customer Impact Reduction DRU13206_Q1-2_2024 Audit_IE_2023 WMP-PS-07- 9.1.5 Primary Evidence DRU13206_Q02_PS-07_Atch01_Define

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							EDRS_CONF DRU13206_Q02_PS-07_Atch01_Define EDRS_Redacted
PG&E_DR027	4/24/2024	BVNA	PSPS Customer Impact Reduction	5/14/2024	9.1.5 - PS-07	DRU 13552	DRU13552_Audit_DR027_Independent Evaluator_D001 DRU13552_OEIS Confidentiality Declaration DRU13552_Q01_PS-07_Atch01_2022 Lookback Analysis DRU13552_Q01_PS-07_Atch02_2018-2022 Location Polygons_CONF (ZIP file)
PG&E_DR028	N/A Tranche 2	C2	8.2.2.1.1 LiDAR Data Collection - Transmission	4/25/2024	8.2.2.1.1 - VM-01	DRU 13224	DRU13224_OEIS Confidentiality Declaration DRU13224_Q01_VM-01_Atch01_LiDAR Routine Data 10-31-2023 DRU13224_Q01_VM-01_Atch02_TD-7103P-01_CONF DRU13224_Q01_VM-01_Atch02_TD-7103P-01_Redacted DRU13224_Q1-2_2024 Audit_IE_2023 WMP-VM-01- 8.2.2.1.1 Primary Evidence DRU13224_Q02_VM-01_Atch01_TVM Annual LiDAR Mileage Reporting DRU13224_Q02_VM-01_Atch02_Catchback LiDAR_CONF DRU13224_Q02_VM-01_Atch02_Catchback LiDAR_Redacted DRU13224_Q02_VM-01_Atch03_LiDAR Data_CONF

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13224_Q02_VM-01_Atch03_LiDAR Data_Redacted DRU13224_Q02_VM-01_Atch04_Define EDRS_CONF DRU13224_Q02_VM-01_Atch04_Define EDRS_Redacted
PG&E_DR028	5/13/2024	C2	8.2.2.1.1 LiDAR Data Collection - Transmission	5/20/2024	8.2.2.1.1 - VM-01	DRU 13582	DRU13582_Audit_DR028_Independent Evaluator_D001 DRU13582_Q01_VM-01_Atch01_LiDAR Sample
NA	N/A Tranche 2	C2	8.2.2.2.5 Focused Tree Inspection Program	4/25/2024	8.2.2.2.5 - VM-03	DRU 13228	DRU13228_OEIS Confidentiality Declaration DRU13228_Q01_VM-03_Atch01_FTI 2023 Final Span Inspection Data DRU13228_Q1-2_2024 Audit_IE_2023 WMP-VM-03- 8.2.2.2.5 Primary Evidence DRU13228_Q02_VM-03_Atch01_Define EDRS_CONF DRU13228_Q02_VM-03_Atch01_Define EDRS_Redacted
PG&E_DR029	5/13/2024	C2	8.2.2.2.5 Focused Tree Inspection Program	5/16/2024	8.2.2.2.5 - VM-03	DRU 13583	DRU13583_Audit_DR029_Independent Evaluator_D001 DRU13583_OEIS Confidentiality Declaration (1) DRU13583_Q01_Atch01_VM-03 FTI_Sample_Prescriptions_CONF (1) DRU13583_Q01_Atch01_VM-03 FTI_Sample_Prescriptions_Redacted

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PG&E_DR030	4/29/2024	C2	8.2.2.3.1 Defensible Space Inspections - Distribution Substation	5/1/2024	8.2.2.3.1 - VM-05	DRU 13247	DRU13247_OEIS Confidentiality Declaration DRU13247_Q01_VM-05_Atch01_Defensible Space Inspections DRU13247_Q01_VM-05_Atch02_Utility Procedure_CONF DRU13247_Q01_VM-05_Atch02_Utility Procedure_Redacted DRU13247_Q1-2_2024 Audit_IE_2023 WMP-VM-05- 8.2.2.3.1 Primary Evidence DRU13247_Q02_VM-05_Atch01_Define EDRS_CONF DRU13247_Q02_VM-05_Atch01_Define EDRS_Redacted
PG&E_DR030.1	5/10/2024	C2	8.2.2.3.1 Defensible Space Inspections - Distribution Substation	5/15/2024	8.2.2.3.1 - VM-05	DRU 13572	DRU13572_Audit_DR030.1_Independent Evaluator_D001 DRU13572_OEIS Confidentiality Declaration DRU13572_Q01_VM-05_Inspection Forms_CONF (ZIP file) DRU13572_Q01_VM-05_Inspection Forms_Redacted (ZIP file)
PG&E_DR030.2	6/3/2024	C2	8.2.2.3.1 Defensible Space Inspections - Distribution Substation	6/6/2024	8.2.2.3.1 - VM-05	DRU13746	DRU13746_Audit_DR_Independent Evaluator_D001

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
NA	N/A Tranche 2	C2	8.2.5 Vegetation Management – Quality Verification	4/24/2024	8.2.5 - VM-08	DRU 13262	DRU13262_OEIS Confidentiality Declaration DRU13262_Q01_VM-08_Atch01_2023_YTD_ROE_Raw_Data DRU13262_Q1-2_2024 Audit_IE_2023 WMP-VM-08- 8.2.5 Primary Evidence DRU13262_Q02_VM-08_Atch01_QAVM Distribution VC Pole Clearing Results DRU13262_Q02_VM-08_Atch02_Define EDRS_CONF DRU13262_Q02_VM-08_Atch02_Define EDRS_Redacted
PG&E_DR031	5/13/2024	C2	8.2.5 Vegetation Management – Quality Verification	5/16/2024	8.2.5 - VM-08	DRU 13587	DRU13587_Audit_DR031_Independent Evaluator_D001 DRU13587_OEIS Confidentiality Declaration DRU13587_Q01_VM-08_Atch01_QV Distribution_CONF DRU13587_Q01_VM-08_Atch01_QV Distribution_Redacted DRU13587_Q02_VM-08_Atch01_QV Transmission_CONF DRU13587_Q02_VM-08_Atch01_QV Transmission_Redacted DRU13587_Q03_VM-08_Atch01_QV Pole Clearing_CONF DRU13587_Q03_VM-08_Atch01_QV Pole Clearing_Redacted



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PG&E_DR031.1	6/3/2024	C2	8.2.5 Vegetation Management – Quality Verification	6/6/2024	8.2.5 - VM-08	DRU13748	DRU13748_Audit_DR_Independent Evaluator_D001
NA	N/A Tranche 2	C2	8.2.2.1.1 Routine Transmission – Ground	4/24/2024	8.2.2.1.1 - VM-13	DRU 13274	DRU13274_OEIS Confidentiality Declaration DRU13274_Q01_VM-13_Atch01_Routine Transmission Ground Inspection Miles DRU13274_Q1-2_2024 Audit_IE_2023 WMP-VM-13- 8.2.2.1.1 Primary Evidence DRU13274_Q02_VM-13_Atch01_Define EDRS_CONF DRU13274_Q02_VM-13_Atch01_Define EDRS_Redacted
PG&E_DR032	5/13/2024	C2	8.2.2.1.1 Routine Transmission – Ground	5/20/2024	8.2.2.1.1 - VM-13	DRU 13588	DRU13588_Audit_DR032_Independent Evaluator_D001 DRU13588_OEIS Confidentiality Declaration DRU13588_Q01_Atch01_VM-13_Inspections Sample_CONF DRU13588_Q01_Atch01_VM-13_Inspections Sample_Redacted
PG&E_DR032.1	6/3/2024	C2	8.2.2.1.1 Routine Transmission – Ground	6/5/2024	8.2.2.1.1 - VM-14	DRU 13727	DRU13727_Audit_DR032.1_Independent Evaluator_D001
PG&E_DR033	4/29/2024	C2	8.2.2.1.2 Transmission Second Patrol	4/30/2024	8.2.2.1.2 - VM-14	DRU 13286	DRU13286_OEIS Confidentiality Declaration DRU13286_Q01_VM-14_Atch01_Transmission Second Patrol Ortholmagery

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13286_Q1-2_2024 Audit_IE_2023 WMP-VM-14- 8.2.2.1.2 Primary Evidence DRU13286_Q02_VM-14_Atch01_Define EDRS_CONF DRU13286_Q02_VM-14_Atch01_Define EDRS_Redacted
PG&E_DR033.1	5/13/2024	C2	8.2.2.1.2 Transmission Second Patrol	5/20/2024	8.2.2.1.2 - VM-14	DRU 13591	DRU13591_Q01_VM-14_Atch01_Second Patrol Sample_CONF DRU13591_Q01_VM-14_Atch01_Second Patrol Sample_Redacted DRU13591_OEIS Confidentiality Declaration DRU13591_Audit_DR033.1_Independent Evaluator_D001
PG&E_DR033.2	6/3/2024	C2	8.2.2.1.2 Transmission Second Patrol	6/5/2024	8.2.2.1.2 - VM-14	DRU 13732	DRU13732_Audit_DR033.2_Independent Evaluator_D001
PG&E_DR034	4/29/2024	C2	8.2.2.1.3 Integrated Vegetation Management - Transmission	5/2/2024	8.2.2.1.3 - VM-15	DRU 13288	DRU13288_OEIS Confidentiality Declaration DRU13288_Q01_VM-15_Atch01_2023_IVM Final DRU13288_Q01_VM-15_Atch02_Signed_HCF_Work_Verification_CONF DRU13288_Q01_VM-15_Atch02_Signed_HCF_Work_Verification_Redacted DRU13288_Q01_VM-15_Atch03_Signed_NSF_Work_Verification_CONF

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							F DRU13288_Q01_VM-15_Atch03_Signed_NSF_Work_Verification_Redacted DRU13288_Q01_VM-15_Atch04_Signed_CARF_Work_Verification_CONF DRU13288_Q01_VM-15_Atch04_Signed_CARF_Work_Verification_Redacted DRU13288_Q1-2_2024 Audit_IE_2023 WMP-VM-15- 8.2.2.1.3 Primary Evidence DRU13288_Q02_VM-15_Atch01_Embedded QA QC process_CONF DRU13288_Q02_VM-15_Atch01_Embedded QA QC process_Redacted DRU13288_Q02_VM-15_Atch02_Define EDRS_CONF DRU13288_Q02_VM-15_Atch02_Define EDRS_Redacted
PG&E_DR034.1	5/13/2024	C2	8.2.2.1.3 Integrated Vegetation Management - Transmission	5/24/2024	8.2.2.1.3 - VM-15	DRU 13593	DRU13593_Audit_DR034.1_Independent Evaluator_D001 DRU13593_OEIS Confidentiality Declaration DRU13593_Q01_VM-15_Atch01_IVM Sample Review ROW 12-1-23_CONF DRU13593_Q01_VM-15_Atch02_Project Status Review ROW 12-1-23_Redacted

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PG&E_DR035	4/29/2024	C2	8.2.2.2.1 Distribution Routine Patrol	5/2/2024	8.2.2.2.1 - VM-16	DRU 13292	DRU13292_OEIS Confidentiality Declaration DRU13292_Q01_VM-16_Atch01_ROUTINE PMD DRU13292_Q1-2_2024 Audit_IE_2023 WMP- VM-16- 8.2.2.2.1 Primary Evidence DRU13292_Q02_VM-16_Atch01_Define EDRS_CONF DRU13292_Q02_VM-16_Atch01_Define EDRS_Redacted
PG&E_DR035.1	5/13/2024	C2	8.2.2.2.1 Distribution Routine Patrol	5/22/2024	8.2.2.2.1 - VM-16	DRU 13595	DRU13595_Q01_Atch03_VM- 16_DeAnzaQ2_Redacted DRU13595_Audit_DR035.1_Independent Evaluator_D001 DRU13595_Q01_Atch03_VM- 16_DeAnzaQ2_CONF DRU13595_OEIS Confidentiality Declaration DRU13595_Q01_Atch01_VM-16_Legacy Sample DRU13595_Q01_Atch02_VM-16_OneVM Sample
PG&E_DR035.2	6/3/2024	C2	8.2.2.2.1 Distribution Routine Patrol	6/5/2022	8.2.2.2.1 - VM-17	DRU 13733	DRU13733_Audit_DR035.2_Independent Evaluator_D001
PG&E_DR036	4/29/2024	C2	8.2.2.2.2 Distribution Second Patrol	5/8/2024	8.2.2.2.2 - VM-17	DRU 13293	DRU13293_OEIS Confidentiality Declaration DRU13293_Q01_VM-17_Atch01_2P Project Status Summary DRU13293_Q1-2_2024 Audit_IE_2023 WMP- VM-17- 8.2.2.2.2 Primary Evidence DRU13293_Q02_VM-17_Atch01_Define EDRS_CONF

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13293_Q02_VM-17_Atch01_Define EDRS_Redacted
PG&E_DR036.1	5/13/2024	C2	8.2.2.2.2 Distribution Second Patrol	5/17/2024	8.2.2.2.2 - VM-17	DRU 13597	DRU13597_Audit_DR036.1_Independent Evaluator_D001 DRU13597_OEIS Confidentiality Declaration DRU13597_Q01_Atch01_VM-17_Legacy Sample DRU13597_Q01_Atch02_VM-17_OneVM Sample_CONF DRU13597_Q01_Atch02_VM-17_OneVM Sample_Redacted
PG&E_DR036.2	6/3/2024	C2	8.2.2.2.2 Distribution Second Patrol	6/5/2024	8.2.2.2.2 - VM-18	DRU 13734	DRU13734_Audit_DR036.2_Independent Evaluator_D001
PG&E_DR037	4/29/2024	C2	8.2.5.2 Vegetation Management - Quality Control	5/7/2024	8.2.5.2 - VM-22	DRU 13294	DRU13294_OEIS Confidentiality Declaration DRU13294_Q01_VM-22_Atch01_Quality Control DRU13294_Q1-2_2024 Audit_IE_2023 WMP-VM-22- 8.2.5.2 Primary Evidence DRU13294_Q02_VM-22_Atch01_QC Dashboards DRU13294_Q02_VM-22_Atch02_Define EDRS_CONF DRU13294_Q02_VM-22_Atch02_Define EDRS_Redacted
PG&E_DR037.1	5/13/2024	C2	8.2.5.2 Vegetation Management - Quality Control	5/20/2024	8.2.5.2 - VM-22	DRU 13598	DRU13598_Audit_DR037.1_Independent Evaluator_D001 DRU13598_OEIS Confidentiality Declaration DRU13598_VM-22_Q01_Atch01_Quality Control Routine Distribution_CONF

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							DRU13598_VM-22_Q01_Atch01_Quality Control Routine Distribution_Redacted DRU13598_VM-22_Q01_Atch02_Quality Control FTI Routine Distribution_CONF DRU13598_VM-22_Q01_Atch02_Quality Control FTI Routine Distribution_Redacted DRU13598_VM-22_Q02_Atch01_Quality Control Transmission_CONF DRU13598_VM-22_Q02_Atch01_Quality Control Transmission_Redacted DRU13598_VM-22_Q03_Atch01_Quality Control Pole Clearing_CONF DRU13598_VM-22_Q03_Atch01_Quality Control Pole Clearing_Redacted
PG&E_DR037.2	6/3/2024	C2	8.2.5.2 Vegetation Management - Quality Control	6/6/2024	8.2.5.2 - VM-23	DRIU13728	DRU13728_Audit_DR037.2_Independent Evaluator_D001
PG&E_DR038	4/29/2024	BVNA	8.5 / 8.5.2	4/29/2024	8.5.2 - CO-02	DRU13225	DRU13225_OEIS Confidentiality Declaration DRU13225_Q01_CO-02_Atch01_2023_WFS-PSPS Pre-Season_CONF DRU13225_Q01_CO-02_Atch01_2023_WFS-PSPS Pre-Season_Redacted DRU13225_Q01_CO-02_Atch02_2023_WFS-PSPS Post-Season_CONF DRU13225_Q01_CO-02_Atch02_2023_WFS-PSPS Post-Season_Redacted

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							DRU13225_Q1-2_2024 Audit_IE_2023 WMP-CO-02- 8.5.2 Primary Evidence DRU13225_Q02_CO-02_Atch01_Define EDRS_CONF DRU13225_Q02_CO-02_Atch01_Define EDRS_Redacted
PG&E_DR039	4/24/2024	BVNA	Review, and revise the CERP, and 2 Wildfire Related Annexes	5/3/2024	8.4.3.1 - EP-06	DRU 13237	DRU13237_OEIS Confidentiality Declaration DRU13237_Q01_EP-06_Atch01_EMER-3001M-CERP_CONF DRU13237_Q01_EP-06_Atch01_EMER-3001M-CERP_Redacted DRU13237_Q01_EP-06_Atch02_EMER-3105M_Wildfire Annex to CERP_CONF DRU13237_Q01_EP-06_Atch02_EMER-3105M_Wildfire Annex to CERP_Redacted DRU13237_Q01_EP-06_Atch03_EMER-3106M-PSPS_CONF DRU13237_Q01_EP-06_Atch03_EMER-3106M-PSPS_Redacted DRU13237_Q1-2_2024 Audit_IE_2023 WMP- EP-06- 8.4.3.1 Primary Evidence DRU13237_Q02_EP-06_Atch01_EMER-2001S-CERP_CONF DRU13237_Q02_EP-06_Atch01_EMER-2001S-CERP_Redacted DRU13237_Q02_EP-06_Atch02_Define EDRS_CONF

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13237_Q02_EP-06_Atch02_Define EDRS_Redacted
PG&E_DR040	4/24/2024	BVNA	Substation Inspections	4/26/24	8.1.3.3.1 - AI-08	DRU13200	DRU13200_OEIS Confidentiality Declaration DRU13200_Q01_AI-08_Atch01_Substation Distribution DRU13200_Q1-2_2024 Audit_IE_2023 WMP- AI-08- 8.1.3.3.1 Primary Evidence DRU13200_Q02_AI-08_Atch01_TD-3328P-02_CONF DRU13200_Q02_AI-08_Atch01_TD-3328P-02_Redacted DRU13200_Q02_AI-08_Atch02_TD-3328P-03_CONF DRU13200_Q02_AI-08_Atch02_TD-3328P-03_Redacted DRU13200_Q02_AI-08_Atch03_TD-3328P-04_CONF DRU13200_Q02_AI-08_Atch03_TD-3328P-04_Redacted DRU13200_Q02_AI-08_Atch04_TD-3328S_CONF DRU13200_Q02_AI-08_Atch04_TD-3328S_Redacted DRU13200_Q02_AI-08_Atch05_Define EDRS_CONF DRU13200_Q02_AI-08_Atch05_Define EDRS_Redacted



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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
PG&E_DR041	4/24/2024	BVNA	Substation Inspections	4/29/2024	8.1.3.3.1 - AI-09	DRU13217	DRU13217_OEIS Confidentiality Declaration DRU13217_Q01_AI-09_Atch01_Supplemental Inspections-Substation Transmission DRU13217_Q1-2_2024 Audit_IE_2023 WMP- AI-09- 8.1.3.3.1 Primary Evidence DRU13217_Q02_AI-09_Atch01_Inspection Form DRU13217_Q02_AI-09_Atch02_Define_EDRS_CONF DRU13217_Q02_AI-09_Atch02_Define_EDRS_Redacted
PG&E_DR042	4/24/2024	BVNA	Substation Inspections	4/29/2024	8.1.3.3.1 - AI-10	DRU13219	DRU13219_OEIS Confidentiality Declaration DRU13219_Q01_AI-10_Atch01_Supplemental Inspections DRU13219_Q01_AI-10_Atch02_Tule River Project Sold_CONF DRU13219_Q01_AI-10_Atch02_Tule River Project Sold_Redacted DRU13219_Q1-2_2024 Audit_IE_2023 WMP- AI-10- 8.1.3.3.1 Primary Evidence DRU13219_Q02_AI-10_Atch01_Inspection Form_CONF DRU13219_Q02_AI-10_Atch01_Inspection Form_Redacted DRU13219_Q02_AI-10_Atch02_Define EDRS_CONF DRU13219_Q02_AI-10_Atch02_Define EDRS_Redacted

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
PG&E_DR043	4/29/2024	C2	8.1.2.5.1 System Hardening - Transmission	5/2/2024	8.1.2.5.1 - GH-05	DRU 13258	DRU13258_OEIS Confidentiality Declaration DRU13258_Q01_GH-05_Atch01_System Hardening Transmission Tracker_CONF DRU13258_Q01_GH-05_Atch01_System Hardening Transmission Tracker_Redacted DRU13258_Q01_GH-05_Atch02_74046520- AsBuiltPackage_CONF DRU13258_Q01_GH-05_Atch02_74046520- AsBuiltPackage_Redacted DRU13258_Q01_GH-05_Atch03_74046382- AsBuiltPackage_CONF DRU13258_Q01_GH-05_Atch03_74046382- AsBuiltPackage_Redacted DRU13258_Q01_GH-05_Atch04_74046341- AsBuiltPackage_CONF DRU13258_Q01_GH-05_Atch04_74046341- AsBuiltPackage_Redacted DRU13258_Q01_GH-05_Atch05_74046318- AsBuiltPackage_CONF DRU13258_Q01_GH-05_Atch05_74046318- AsBuiltPackage_Redacted DRU13258_Q01_GH-05_Atch06_74046298- AsBuiltPackage_CONF DRU13258_Q01_GH-05_Atch06_74046298- AsBuiltPackage_Redacted DRU13258_Q01_GH-05_Atch07_74046293- AsBuiltPackage_CONF DRU13258_Q01_GH-05_Atch07_74046293-

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							AsBuiltPackage_Redacted DRU13258_Q01_GH-05_Atch08_74033653-AsBuiltPackage_CONF DRU13258_Q01_GH-05_Atch08_74033653-AsBuiltPackage_Redacted DRU13258_Q01_GH-05_Atch09_74032944-AsBuiltPackage_CONF DRU13258_Q01_GH-05_Atch09_74032944-AsBuiltPackage_Redacted DRU13258_Q01_GH-05_Atch10_74030726-AsBuiltPackage_CONF DRU13258_Q01_GH-05_Atch10_74030726-AsBuiltPackage_Redacted DRU13258_Q1-2_2024 Audit_IE_2023 WMP-GH-05- 8.1.2.5.1 Primary Evidence DRU13258_Q02_GH-05_Atch01_Define EDRS_CONF DRU13258_Q02_GH-05_Atch01_Define EDRS_Redacted
PG&E_DR044	4/29/2024	C2	8.1.2.5.1 System Hardening - Transmission Shunt Splices	5/1/2024	8.1.2.5.1 - GH-06	DRU 13259	DRU13259_OEIS Confidentiality Declaration DRU13259_Q01_GH-06_Atch01_2023 WMP Shunt Splices Tracker DRU13259_Q1-2_2024 Audit_IE_2023 WMP-GH-06- 8.1.2.5.1 Primary Evidence DRU13259_Q02_GH-06_Atch01_74049786 AS-BUILT Colgate-Palermo-SDS_CONF DRU13259_Q02_GH-06_Atch01_74049786 AS-BUILT Colgate-Palermo-SDS_Redacted

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13259_Q02_GH-06_Atch02_Define EDRS_CONF DRU13259_Q02_GH-06_Atch02_Define EDRS_Redacted
PG&E_DR044.1	5/13/2024	C2	8.1.2.5.1 System Hardening - Transmission Shunt Splices	5/17/2024	8.1.2.5.1 - GH-06	DRU 13580	DRU13580_Audit_DR044.1_Independent Evaluator_D001 DRU13580_OEIS Confidentiality Declaration DRU13580_Q01_Atch01_GH06_74049803_CONF DRU13580_Q01_Atch01_GH06_74049803_Redacted DRU13580_Q01_Atch02_GH06_74049792_CONF DRU13580_Q01_Atch02_GH06_74049792_Redacted DRU13580_Q01_Atch03_GH06_74049786_CONF DRU13580_Q01_Atch03_GH06_74049786_Redacted
PG&E_DR045	4/29/2024	C2	8.1.2.8.1 Distribution Protective Devices	5/3/2024	8.1.2.8.1 - GH-07	DRU 13263	DRU13263_OEIS Confidentiality Declaration DRU13263_Q01_GH-07_Atch01_Distribution Protective Devices_CONF DRU13263_Q01_GH-07_Atch01_Distribution Protective Devices_Redacted DRU13263_Q1-2_2024 Audit_IE_2023 WMP-GH-07- 8.1.2.8.1 Primary Evidence DRU13263_Q02_GH-07_Atch01_CCSC_CONF

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13263_Q02_GH-07_Atch01_CCSC_Redacted DRU13263_Q02_GH-07_Atch02_SCADA Release Letter_CONF DRU13263_Q02_GH-07_Atch02_SCADA Release Letter_Redacted DRU13263_Q02_GH-07_Atch03_Define EDRS_CONF DRU13263_Q02_GH-07_Atch03_Define EDRS_Redacted
PG&E_DR045.1	5/13/2024	C2	8.1.2.8.1 Distribution Protective Devices	5/20/2024	8.1.2.8.1 - GH-07	DRU 13581	DRU13581_Q01_GH-07_Atch01_Distribution Protective Complete Job Packages_10_CONF (ZIP file) DRU13581_Q01_GH-07_Atch01_Distribution Protective Complete Job Packages_10_Redacted (ZIP file) DRU13581_Audit_DR045.1_Independent Evaluator_D001 DRU13581_OEIS Confidentiality Declaration
PG&E_DR046	4/29/2024	BVNA	8.1.2.10.3 - GH-09 - Distribution Line Motor Switch Operator (MSO) - Replacements	5/3/2024	8.1.2.10.3 - GH-09	DRU 13269	DRU13269_OEIS Confidentiality Declaration DRU13269_Q01_GH-09_Atch01_Distribution MSO Replacements_CONF DRU13269_Q01_GH-09_Atch01_Distribution MSO Replacements_Redacted DRU13269_Q1-2_2024 Audit_IE_2023 WMP-GH-09- 8.1.2.10.3 Primary Evidence DRU13269_Q02_GH-09_Atch01_CCSC_CONF

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13269_Q02_GH-09_Atch01_CCSC_Redacted DRU13269_Q02_GH-09_Atch02_35295830_SCADARelease_CONF DRU13269_Q02_GH-09_Atch02_35295830_SCADARelease_Redacted DRU13269_Q02_GH-09_Atch03_DefineEDRS_CONF DRU13269_Q02_GH-09_Atch03_DefineEDRS_Redacted
PG&E_DR046b	5/30/2024	BVNA	8.1.2.10.3 - GH-09 - Distribution Line Motor Switch Operator (MSO) - Replacements	6/4/2024	8.1.2.10.3 - GH-09	DRU 13701	DRU13701_Audit_DR046b_Independent Evaluator_D001 DRU13701_OEIS Confidentiality Declaration DRU13701_Q01_GH09_Atch01_35185702_SCA DARelease_CONF DRU13701_Q01_GH09_Atch01_35185702_SCA DARelease_Redacted DRU13701_Q01_GH09_Atch02_35185702_CCS C_CONF DRU13701_Q01_GH09_Atch02_35185702_CCS C_Redacted DRU13701_Q01_GH09_Atch03_35205726_SCA DARelease_CONF DRU13701_Q01_GH09_Atch03_35205726_SCA DARelease_Redacted DRU13701_Q01_GH09_Atch04_35205726_CCS C_CONF DRU13701_Q01_GH09_Atch04_35205726_CCS

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							C_Redacted DRU13701_Q01_GH09_Atch05_TD-076253-B006_CONF DRU13701_Q01_GH09_Atch05_TD-076253-B006_Redacted DRU13701_Q01_GH09_Atch06_MSO Workplan
PG&E_DR047	4/29/2024	BVNA	8.3.3.1 - SA-02 - Line Sensor - Installations	4/30/2024	8.3.3.1 - SA-02	DRU 13210	DRU13210_OEIS Confidentiality Declaration DRU13210_Q01_SA-02_Atch01_2023 LS Foundry HFTD Circuit Designation Report DRU13210_Q1-2_2024 Audit_IE_2023 WMP-SA-02- 8.3.3.1 Primary Evidence DRU13210_Q02_SA-02_Atch01_Define EDRS_CONF DRU13210_Q02_SA-02_Atch01_Define EDRS_Redacted
PG&E_DR047.b	5/30/2024	BVNA	8.3.3.1 - SA-02 - Line Sensor - Installations	6/3/2024	8.3.3.1 - SA-02	DRU 13702	DRU13702_Audit_DR047b_Independent Evaluator_D001 DRU13702_OEIS Confidentiality Declaration DRU13702_Q01_Atch01_SA-02_05-Job_Pkg_LOS_OSITOS_2103_CONF (ZIP file) DRU13702_Q01_Atch01_SA-02_05-Job_Pkg_LOS_OSITOS_2103_Redacted (ZIP file) DRU13702_Q01_Atch02_SA-02_19-Job_Pkg_FORT_BRAGG_A_1101_CONF (ZIP file) DRU13702_Q01_Atch02_SA-02_19-Job_Pkg_FORT_BRAGG_A_1101_Redacted (ZIP file)

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13702_Q01_Atch03_SA-02_31-Job_Pkg_ANTLER_1101_CONF (ZIP file) DRU13702_Q01_Atch03_SA-02_31-Job_Pkg_ANTLER_1101_Redacted (ZIP file) DRU13702_Q01_Atch04_SA-02_61-Job_Pkg_MIWUK_1701_CONF (ZIP file) DRU13702_Q01_Atch04_SA-02_61-Job_Pkg_MIWUK_1701_Redacted (ZIP file)
PG&E_DR048	4/25/2024	BVNA	WMP Section: 8.3.3.1 Initiative: SA-10	4/26/2024	8.3.3.3 - SA-10	DRU 13214	DRU13214_OEIS Confidentiality Declaration DRU13214_Q01_SA-10_Atch01_2023-Q3 DFA Foundry HFTD Circuit Designation Report DRU13214_Q1-2_2024 Audit_IE_2023 WMP-SA-10- 8.3.3.3 Primary Evidence DRU13214_Q02_SA-10_Atch01_Define EDRS_CONF DRU13214_Q02_SA-10_Atch01_Define EDRS_Redacted
PG&E_DR049	4/25/2024	BVNA	WMP Section: 8.3.3.1 Initiative: SA-11	4/26/2024	8.3.3.3 - SA-11	DRU 13215	DRU13215_OEIS Confidentiality Declaration DRU13215_Q01_SA-11_Atch01_2023-Q3 EFD Foundry HFTD Circuit Designation Report DRU13215_Q1-2_2024 Audit_IE_2023 WMP-SA-11- 8.3.3.3 Primary Evidence DRU13215_Q02_SA-11_Atch01_Define EDRS_CONF DRU13215_Q02_SA-11_Atch01_Define EDRS_Redacted



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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
PG&E_DR050	4/29/2024	C2	8.2.2.3.1 Defensible Space Inspections - Transmission Substation	5/2/2024	8.2.2.3.1 - VM-06	DRU 13248	DRU13248_OEIS Confidentiality Declaration DRU13248_Q01_VM-06_Atch01_Defensible Space Inspections DRU13248_Q01_VM-06_Atch02_Utility Procedure_CONF DRU13248_Q01_VM-06_Atch02_Utility Procedure_Redacted DRU13248_Q1-2_2024 Audit_IE_2023 WMP- VM-06- 8.2.2.3.1 Primary Evidence DRU13248_Q02_VM-06_Atch01_Define EDRS_CONF DRU13248_Q02_VM-06_Atch01_Define EDRS_Redacted
PG&E_DR050.1	5/13/2024	C2	8.2.2.3.1 Defensible Space Inspections - Transmission Substation	5/17/2024	8.2.2.3.1 - VM-06	DRU 13584	DRU13584_Audit_DR050.1_Independent Evaluator_D001 DRU13584_OEIS Confidentiality Declaration DRU13584_Q01_Atch01_VM06_Inspection Forms_CONF (ZIP file) DRU13584_Q01_Atch01_VM06_Inspection Forms_Redacted (ZIP file)
PG&E_DR050.2	6/3/2024	C2	8.2.2.3.1 Defensible Space Inspections - Transmission Substation	6/6/2024	8.2.2.3.1 - VM-07	DRU13729	DRU13729_Audit_DR050.2_Independent Evaluator_D001

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
PG&E_DR051	4/29/2024	C2	8.2.2.3.1 Defensible Space Inspections - Hydroelectric Substations and Powerhouses	5/1/2024	8.2.2.3.1 - VM-07	DRU 13250	DRU13250_OEIS Confidentiality Declaration DRU13250_Q01_VM-07_Atch01_Q2 WMP DS Report 2023 DRU13250_Q01_VM-07_Atch02_Utility Procedure_CONF DRU13250_Q01_VM-07_Atch02_Utility Procedure_Redacted DRU13250_Q1-2_2024 Audit_IE_2023 WMP- VM-07- 8.2.2.3.1 Primary Evidence DRU13250_Q02_VM-07_Atch01_Define EDRS_CONF DRU13250_Q02_VM-07_Atch01_Define EDRS_Redacted
PG&E_DR051.1	5/16/2024	C2	8.2.2.3.1 Defensible Space Inspections - Hydroelectric Substations and Powerhouses	5/17/2024	8.2.2.3.1 - VM-07	DRU 13585	DRU13585_Audit_DR051.1_Independent Evaluator_D001 DRU13585_OEIS Confidentiality Declaration DRU13585_Q01_VM07_Atch01_Defensible Space Hydro and Powerhouse Inspection Reports_CONF (ZIP file) DRU13585_Q01_VM07_Atch01_Defensible Space Hydro and Powerhouse Inspection Reports_Redacted (ZIP file)
PG&E_DR051.2	6/3/2024	C2	8.2.2.3.1 Defensible Space Inspections - Hydroelectric	6/6/2024	8.2.2.3.1 - VM-08	DRU13730	DRU13730_Audit_DR051.2_Independent Evaluator_D001 DRU13730_Q01_VM-07_2023 DS Dashboard DRU13730_Q01_VM-07_2023 DS Tracker Export

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
			Substations and Powerhouses				
PG&E_DR052 - not used, #54 used instead and was duplicated	NA	BVNA	NA	NA	8.5.2 - CO-05	NA	NA
PG&E_DR053	4/24/2024	BVNA	Community Engagement - Meetings	4/29/2024	8.5.2 - CO-01	DRU 13223	DRU13223_OEIS Confidentiality Declaration DRU13223_Q01_CO-01_Atch01_2023 Community Meetings Data DRU13223_Q1-2_2024 Audit_IE_2023 WMP-CO-01- 8.5.2 Primary Evidence DRU13223_Q02_CO-01_Atch01_Event Material Approval_CONF DRU13223_Q02_CO-01_Atch01_Event Material Approval_Redacted DRU13223_Q02_CO-01_Atch02_Event Invite Example_CONF DRU13223_Q02_CO-01_Atch02_Event Invite Example_Redacted DRU13223_Q02_CO-01_Atch03_Validation and Approval Process_CONF DRU13223_Q02_CO-01_Atch03_Validation and Approval Process_Redacted DRU13223_Q02_CO-01_Atch04_Define EDRS_CONF DRU13223_Q02_CO-01_Atch04_Define EDRS_Redacted

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
PG&E_DR054	N/A Tranche 4	BVNA	8.5.2 - CO-04 - Community Engagement - Outreach to HFRA Infrastructure Customers	4/30/2024	8.5.2 - CO- 04	DRU 13227	DRU13227_OEIS Confidentiality Declaration DRU13227_Q01_CO-04_Atch01_PSPS Phase 1 Validation Final_CONF DRU13227_Q01_CO-04_Atch01_PSPS Phase 1 Validation Final_Redacted DRU13227_Q01_CO-04_Atch02_PSPS Phase 2 Validation Final_CONF DRU13227_Q01_CO-04_Atch02_PSPS Phase 2 Validation Final_Redacted DRU13227_Q1-2_2024 Audit_IE_2023 WMP- CO-04- 8.5.2 Primary Evidence DRU13227_Q02_CO-04_Atch01_Critical Customer Outreach Discussion Guide DRU13227_Q02_CO-04_Atch02_Define EDRS_CONF DRU13227_Q02_CO-04_Atch02_Define EDRS_Redacted
PG&E_DR054	4/29/2024	BVNA	8.5.2 - CO-05 - Community Engagement - Outage Preparedness Campaign	4/30/2024	8.5.2 - CO- 05	DRU 13230	DRU13230_OEIS Confidentiality Declaration DRU13230_Q01_CO-05_Atch01_PGE CWSP Letter_202305021 DRU13230_Q01_CO- 05_Atch02_Email_20230502 DRU13230_Q01_CO-05_Atch03_20230518- PSPS-Email_LIVE_wSEED_CONF DRU13230_Q01_CO-05_Atch03_20230518- PSPS-Email_LIVE_wSEED_Redacted DRU13230_Q01_CO-05_Atch04_21795 PGnE- Drop1_412,536

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13230_Q01_CO-05_Atch05_21795 PGnE-Drop2_383,418 DRU13230_Q01_CO-05_Atch06_21795 PGnE-Drop3_422,977 DRU13230_Q1-2_2024 Audit_IE_2023 WMP-CO-05- 8.5.2 Primary Evidence DRU13230_Q02_CO-05_Atch01_Define EDRS_CONF DRU13230_Q02_CO-05_Atch01_Define EDRS_Redacted
PG&E_DR054 (accidentally duplicated number for different data request)	4/26/2024	BVNA	8.5.2 - CO-05 - Community Engagement - Outage Preparedness Campaign	4/30/2024	8.5.2 - CO-05	DRU 13230	DRU13230_OEIS Confidentiality Declaration DRU13230_Q01_CO-05_Atch01_PGE CWSP Letter_202305021 DRU13230_Q01_CO-05_Atch02_Email_20230502 DRU13230_Q01_CO-05_Atch03_20230518-PSPS-Email_LIVE_wSEED_CONF DRU13230_Q01_CO-05_Atch03_20230518-PSPS-Email_LIVE_wSEED_Redacted DRU13230_Q01_CO-05_Atch04_21795 PGnE-Drop1_412,536 DRU13230_Q01_CO-05_Atch05_21795 PGnE-Drop2_383,418 DRU13230_Q01_CO-05_Atch06_21795 PGnE-Drop3_422,977 DRU13230_Q1-2_2024 Audit_IE_2023 WMP-CO-05- 8.5.2 Primary Evidence DRU13230_Q02_CO-05_Atch01_Define

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							EDRS_CONF DRU13230_Q02_CO-05_Atch01_Define EDRS_Redacted
PG&E_DR055	5/6/2024	C2	8.4.3.1 - EP-08 - Threats and Hazards Identification and Risk Assessment (THIRA) updates	5/10/2024	8.4.3.1 - EP-08	DRU 13238	DRU13238_OEIS Confidentiality Declaration DRU13238_Q01_EP-08_Atch01_THIRA 2021-23 FINAL_CONF DRU13238_Q01_EP-08_Atch01_THIRA 2021-23 FINAL_Redacted DRU13238_Q01_EP-08_Atch02_Workplan Phase Approval_CONF DRU13238_Q01_EP-08_Atch02_Workplan Phase Approval_Redacted DRU13238_Q1-2_2024 Audit_IE_2023WMP- EP-08- 8.4.3.1 Primary Evidence DRU13238_Q02_EP-08_Atch01_Approval_CONF DRU13238_Q02_EP-08_Atch01_Approval_Redacted DRU13238_Q02_EP-08_Atch02_Define EDRS_CONF DRU13238_Q02_EP-08_Atch02_Define EDRS_Redacted
PG&E_DR056	5/6/2024	C2	8.4.2.3.1 - EP-01 - Complete PSPS and Wildfire Tabletop and	5/9/2024	8.4.2.3.1 - EP-01	DRU 13233	DRU13233_OEIS Confidentiality Declaration DRU13233_Q01_EP-01_Atch01_PSPS Functional_CONF DRU13233_Q01_EP-01_Atch01_PSPS Functional_Redacted DRU13233_Q01_EP-01_Atch02_PSPS

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
			Functional Exercises				Tabletop_CONF DRU13233_Q01_EP-01_Atch02_PSPS Tabletop_Redacted DRU13233_Q01_EP-01_Atch03_Wildfire Tabletop_CONF DRU13233_Q01_EP-01_Atch03_Wildfire Tabletop_Redacted DRU13233_Q01_EP-01_Atch04_Wildfire Functional_CONF DRU13233_Q01_EP-01_Atch04_Wildfire Functional_Redacted DRU13233_Q01_EP-01_Atch05_PSPS Seminar April 2023_CONF DRU13233_Q01_EP-01_Atch05_PSPS Seminar April 2023_Redacted DRU13233_Q01_EP-01_Atch06_PSPS Seminar October 2023_CONF DRU13233_Q01_EP-01_Atch06_PSPS Seminar October 2023_Redacted DRU13233_Q1-2_2024 Audit_IE_2023 WMP- EP- 01- 8.4.2.3.1 Primary Evidence DRU13233_Q02_EP-01_Atch01_EMER- 2003S_CONF DRU13233_Q02_EP-01_Atch01_EMER- 2003S_Redacted DRU13233_Q02_EP-01_Atch02_Define EDRS_CONF DRU13233_Q02_EP-01_Atch02_Define

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							EDRS_Redacted DRU13234_OEIS Confidentiality Declaration DRU13234_Q1-2_2024 Audit_IE_2023 WMP- EP-02- 8.4.3.1 Primary Evidence DRU13234_Q02_EP-02_Atch01_EMER-2001S (Rev 7)_CONF DRU13234_Q02_EP-02_Atch01_EMER-2001S (Rev 7)_Redacted DRU13234_Q02_EP-02_Atch02_Define EDRS_CONF DRU13234_Q02_EP-02_Atch02_Define EDRS_Redacted
PG&E_DR057	5/6/2024	C2	8.4.3.1 - EP-04 - Expand all hazards planning to include additional threats and scenarios in 2023 - 2025	5/7/2024	8.4.3.1 - EP-04	DRU 13236	DRU13236_OEIS Confidentiality Declaration DRU13236_Q01_EP-04_Atch01_THIRA 2021-23 FINAL_CONF DRU13236_Q01_EP-04_Atch01_THIRA 2021-23 FINAL_Redacted DRU13236_Q01_EP-04_Atch02_EMER-3108M_Extreme Weather Annex_CONF DRU13236_Q01_EP-04_Atch02_EMER-3108M_Extreme Weather Annex_Redacted DRU13236_Q01_EP-04_Atch03_EMER-3110M_Physical Threat Annex_CONF DRU13236_Q01_EP-04_Atch03_EMER-3110M_Physical Threat Annex_Redacted DRU13236_Q1-2_2024 Audit_IE_2023 WMP- EP-04- 8.4.3.1 Primary Evidence DRU13236_Q02_EP-04_Atch01_EMER-2001S-



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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							Company Emergency Response_CONF DRU13236_Q02_EP-04_Atch01_EMER-2001S- Company Emergency Response_Redacted DRU13236_Q02_EP-04_Atch02_Define EDRS_CONF DRU13236_Q02_EP-04_Atch02_Define EDRS_Redacted
PG&E_DR058	5/6/2024	C2	8.4.3.1 - EP-02 - Maintain all hazards planning and preparedness program in 2023 - 2025	5/9/2024	8.4.3.1 - EP-02	DRU 13234	DRU13234_OEIS Confidentiality Declaration DRU13234_Q1-2_2024 Audit_IE_2023 WMP- EP-02- 8.4.3.1 Primary Evidence DRU13234_Q02_EP-02_Atch01_EMER-2001S (Rev 7)_CONF DRU13234_Q02_EP-02_Atch01_EMER-2001S (Rev 7)_Redacted DRU13234_Q02_EP-02_Atch02_Define EDRS_CONF DRU13234_Q02_EP-02_Atch02_Define EDRS_Redacted
PG&E_DR059	5/3/2024	C2	8.1.9.1 - AI-01 - Retainment of Inspectors and Internal Workforce Development	5/7/2024	8.1.9.1 - AI-01	DRU 13186	DRU13186_OEIS Confidentiality Declaration DRU13186_Q01_AI-01_Atch01_Add Inspector_CONF DRU13186_Q01_AI-01_Atch01_Add Inspector_Redacted DRU13186_Q1-3_2024 Audit_IE_2023 WMP- AI-01- 8.1.9.1 Primary Evidence DRU13186_Q03_AI-01_Atch01_Define EDRS_CONF

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13186_Q03_AI-01_Atch01_Define EDRS_Redacted
PG&E_DR059.1	5/6/2024	C2	8.1.9.1 - AI-01 - Retainment of Inspectors and Internal Workforce Development	5/7/2024	8.1.9.1 - AI-01	DRU 13186	DRU13186_OEIS Confidentiality Declaration DRU13186_Q01_AI-01_Atch01_Add Inspector_CONF DRU13186_Q01_AI-01_Atch01_Add Inspector_Redacted DRU13186_Q1-3_2024 Audit_IE_2023 WMP- AI-01- 8.1.9.1 Primary Evidence DRU13186_Q03_AI-01_Atch01_Define EDRS_CONF DRU13186_Q03_AI-01_Atch01_Define EDRS_Redacted
PG&E_DR060	4/29/2024	BVNA	8.1.3.2.7 - AI-03 - Develop Distribution Aerial Inspections program	5/2/2024	8.1.3.2.7 - AI-03	DRU 13189	DRU13189_OEIS Confidentiality Declaration DRU13189_Q01_AI-03_Atch01_Aerial Data DRU13189_Q1-2_2024 Audit_IE_2023 WMP- AI-03- 8.1.3.2.7 Primary Evidence DRU13189_Q02_AI-03_Atch01_Aerial Internal Pilot Analysis_CONF DRU13189_Q02_AI-03_Atch01_Aerial Internal Pilot Analysis_Redacted DRU13189_Q02_AI-03_Atch02_Define EDRS_CONF DRU13189_Q02_AI-03_Atch02_Define EDRS_Redacted
PG&E_DR061	5/3/2024	C2	8.1.2.1 - GH-03 - Evaluate and	5/8/2024	8.1.2.1 - GH-03	DRU 13244	DRU13244_OEIS Confidentiality Declaration DRU13244_Q01_GH-03_Atch01_WRGSC_CONF

**FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE**

PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
			Implement Covered Conductor Effectiveness Impact on Inspections and Maintenance Standards				DRU13244_Q01_GH-03_Atch01_WRGSC_Redacted DRU13244_Q01_GH-03_Atch02_TD-2305M-JA02_CONF DRU13244_Q01_GH-03_Atch02_TD-2305M-JA02_Redacted DRU13244_Q02_GH-03_Atch01_AP CTL-01_REV 8_CONF DRU13244_Q02_GH-03_Atch01_AP CTL-01_REV 8_Redacted DRU13244_Q02_GH-03_Atch02_Define EDRS_CONF DRU13244_Q02_GH-03_Atch02_Define EDRS_Redacted
PG&E_DR061.1	5/6/2024	C2	8.1.2.1 - GH-03 - Evaluate and Implement Covered Conductor Effectiveness Impact on Inspections and Maintenance Standards	5/23/2024	8.1.2.1 - GH-03	DRU 13244	DRU13244_OEIS Confidentiality Declaration DRU13244_Q02_GH-03_Atch02_Define EDRS_CONF DRU13244_Q01_GH-03_Atch01_WRGSC_CONF DRU13244_Q02_GH-03_Atch02_Define EDRS_Redacted DRU13244_Q01_GH-03_Atch02_TD-2305M-JA02_Redacted DRU13244_Q01_GH-03_Atch02_TD-2305M-JA02_CONF DRU13244_Q01_GH-03_Atch01_WRGSC_Redacted DRU13244_Q02_GH-03_Atch01_AP CTL-01_REV 8_Redacted

**FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE**

PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13244_Q1_2024 Audit_IE 2023 WMP-GH-03_Primary Evidence DRU13244_Q02_GH-03_Atch01_AP CTL-01_REV 8_CONF
PG&E_DR062	5/3/2024	C2	8.1.5 - AI-11 - Filling Asset Inventory Data Gaps	5/14/2024	8.1.5 - AI-11	DRU 13221	DRU13221_OEIS Confidentiality Declaration DRU13221_Q01_AI-11_Atch01_POC_Field Results DRU13221_Q01_AI-11_Atch02_POC_Record Review Results DRU13221_Q01_AI-11_Atch03_Proof of Concept DRU13221_Q1-2_2024 Audit_IE_2023 WMP- AI-11- 8.1.5 Primary Evidence DRU13221_Q02_AI-11_Atch01_Define EDRS_CONF DRU13221_Q02_AI-11_Atch01_Define EDRS_Redacted
PG&E_DR062.1	5/6/2024	C2	8.1.5 - AI-11 - Filling Asset Inventory Data Gaps	5/14/2024	8.1.5 - AI-11	DRU 13221	DRU13221_OEIS Confidentiality Declaration DRU13221_Q01_AI-11_Atch01_POC_Field Results DRU13221_Q01_AI-11_Atch02_POC_Record Review Results DRU13221_Q01_AI-11_Atch03_Proof of Concept DRU13221_Q1-2_2024 Audit_IE_2023 WMP- AI-11- 8.1.5 Primary Evidence DRU13221_Q02_AI-11_Atch01_Define EDRS_CONF

**FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE**

PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13221_Q02_AI-11_Atch01_Define EDRS_Redacted
PG&E_DR063	4/24/2024	BVNA	Continue sharing PSPS lessons learned	5/7/2024	9.1.2 - PS-10	DRIU 13208	DRU13208_OEIS Confidentiality Declaration DRU13208_Q01_PS-10_Atch01_Joint_IOU_2023.01.17 DRU13208_Q01_PS-10_Atch02_Joint_IOU_2023.02.23 DRU13208_Q01_PS-10_Atch03_Joint_IOU_2023.03.23 DRU13208_Q01_PS-10_Atch04_Joint_IOU_2023.04.27 DRU13208_Q01_PS-10_Atch05_Joint_IOU_2023.05.24 DRU13208_Q01_PS-10_Atch06_Joint_IOU_2023.06.22 DRU13208_Q01_PS-10_Atch07_Joint_IOU_2023.07.26 DRU13208_Q01_PS-10_Atch08_Joint_IOU_2023.08.23 DRU13208_Q01_PS-10_Atch09_Joint_IOU_2023.09.28 DRU13208_Q01_PS-10_Atch10_Joint_IOU_2023.10.24 DRU13208_Q01_PS-10_Atch11_Joint_IOU_2023.11.28 DRU13208_Q01_PS-10_Atch12_Joint_IOU_2023.12.20

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13208_Q1-2_2024 Audit_IE_2023 WMP-PS-10-Primary Evidence DRU13208_Q02_PS-10_Atch01_Define EDRS_CONF DRU13208_Q02_PS-10_Atch01_Define EDRS_Redacted
PG&E_DR064	4/25/2024	BVNA	WMP Section: 9.1.2 Initiative: PS-08	5/7/2024	9.1.2 - PS-08	DRU 13207	DRU13207_OEIS Confidentiality Declaration DRU13207_Q01_PS-08_Atch01_Emerging Technologies Process Intake DRU13207_Q01_PS-08_Atch02_IT Project Intake Form DRU13207_Q1-2_2024 Audit_IE_2023 WMP-PS-08-Primary Evidence DRU13207_Q02_PS-08_Atch01_Define EDRS_CONF DRU13207_Q02_PS-08_Atch01_Define EDRS_Redacted
PG&E_DR065	4/24/2024	BVNA	Evaluate enhancements for the PSPS Transmission guidance	5/8/2024	9.2.1 - PS-01	DRU 13201	DRU13201_Audit_DR_Independent Evaluator_D001 DRU13201_OEIS Confidentiality Declaration DRU13201_Q01_PS-01_Atch01_08.24.2023 WRGSC_vf_CONF DRU13201_Q01_PS-01_Atch01_08.24.2023 WRGSC_vf_Redacted DRU13201_Q02_PS-01_Atch01_Define EDRS_CONF

**FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE**

PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13201_Q02_PS-01_Atch01_Define EDRS_Redacted
PG&E_DR066	4/24/2024	BVNA	Evaluate incorporation of approved IPW enhancements into the PSPS Distribution guidance	5/8/2024	9.2.1 - PS-02	DRU 13204	DRU13204_OEIS Confidentiality Declaration DRU13204_Q1-2_2024 Audit_IE_2023 WMP-PS-02_Primary Evidence DRU13204_Q02_PS-02_Atch01_WRGSC_CONF DRU13204_Q02_PS-02_Atch01_WRGSC_Redacted DRU13204_Q02_PS-02_Atch02_Define EDRS_CONF DRU13204_Q02_PS-02_Atch02_Define EDRS_Redacted
PG&E_DR067	5/3/2024	C2	8.3.3.3 - SA-03 - EFD and DFA Reporting	5/8/2024	8.3.3.3 - SA-03	DRU 13211	DRU13211_OEIS Confidentiality Declaration DRU13211_Q01_SA-03_Atch01_DFA EFD Analysis Process_CONF DRU13211_Q01_SA-03_Atch01_DFA EFD Analysis Process_Redacted DRU13211_Q01_SA-03_Atch02_DFA FI Procedure_CONF DRU13211_Q01_SA-03_Atch02_DFA FI Procedure_Redacted DRU13211_Q01_SA-03_Atch03_EFD FI Procedure_CONF DRU13211_Q01_SA-03_Atch03_EFD FI Procedure_Redacted DRU13211_Q01_SA-03_Atch04_Metrics_CONF DRU13211_Q01_SA-

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							03_Atch04_Metrics_Redacted DRU13211_Q1-2_2024 Audit_IE_2023 WMP-SA-03- 8.3.3.3 Primary Evidence DRU13211_Q02_SA-03_Atch01_Event Count Comparison DRU13211_Q02_SA-03_Atch02_Define EDRS_CONF DRU13211_Q02_SA-03_Atch02_Define EDRS_Redacted
PG&E_DR067.1	5/7/2024	C2	8.3.3.3 - SA-03 - EFD and DFA Reporting	5/8/2024	8.3.3.3 - SA-03	DRU 13211	DRU13211_OEIS Confidentiality Declaration DRU13211_Q01_SA-03_Atch01_DFA EFD Analysis Process_CONF DRU13211_Q01_SA-03_Atch01_DFA EFD Analysis Process_Redacted DRU13211_Q01_SA-03_Atch02_DFA FI Procedure_CONF DRU13211_Q01_SA-03_Atch02_DFA FI Procedure_Redacted DRU13211_Q01_SA-03_Atch03_EFD FI Procedure_CONF DRU13211_Q01_SA-03_Atch03_EFD FI Procedure_Redacted DRU13211_Q01_SA-03_Atch04_Metrics_CONF DRU13211_Q01_SA-03_Atch04_Metrics_Redacted DRU13211_Q1-2_2024 Audit_IE_2023 WMP-SA-03- 8.3.3.3 Primary Evidence DRU13211_Q02_SA-03_Atch01_Event Count



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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							Comparison DRU13211_Q02_SA-03_Atch02_Define EDRS_CONF DRU13211_Q02_SA-03_Atch02_Define EDRS_Redacted
PG&E_DR068	5/3/2024	C2	8.3.2.3 - SA-01 - AI in Wildfire Cameras	5/8/2024	8.3.2.3 - SA-01	DRU 13209	DRU13209_OEIS Confidentiality Declaration DRU13209_Q01_SA-01_Atch01_HD Camera Artificial Intelligence DRU13209_Q1-2_2024 Audit_IE_2023 WMP- SA-01- 8.3.2.3 Primary Evidence DRU13209_Q02_SA-01_Atch01_Define EDRS_CONF DRU13209_Q02_SA-01_Atch01_Define EDRS_Redacted
PG&E_DR068.1	5/6/2024	C2	8.3.2.3 - SA-01 - AI in Wildfire Cameras	5/8/2024	8.3.2.3 - SA-02	DRU 13209	DRU13209_OEIS Confidentiality Declaration DRU13209_Q01_SA-01_Atch01_HD Camera Artificial Intelligence DRU13209_Q1-2_2024 Audit_IE_2023 WMP- SA-01- 8.3.2.3 Primary Evidence DRU13209_Q02_SA-01_Atch01_Define EDRS_CONF DRU13209_Q02_SA-01_Atch01_Define EDRS_Redacted
PG&E_DR069	5/6/2024	C2	8.3.6.3 - SA-04 - FPI and IPW Modeling -	5/9/2024	8.3.6.3 - SA-04	DRU 13212	DRU13212_OEIS Confidentiality Declaration DRU13212_Q01_SA-04_Atch01_2023 FPI Model Documentation DRU13212_Q01_SA-04_Atch02_2023 OPW &

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
			Revision Evaluation				IPW Model Documentation DRU13212_Q01_SA-04_Atch03_2023 10.05.2023 WRGSC_v1_CONF DRU13212_Q01_SA-04_Atch03_2023 10.05.2023 WRGSC_v1_Redacted DRU13212_Q1-2_2024 Audit_IE_2023 WMP-SA-04- 8.3.6.3 Primary Evidence DRU13212_Q02_SA-04_Atch01_Define EDRS_CONF DRU13212_Q02_SA-04_Atch01_Define EDRS_Redacted
PG&E_DR070	5/3/2024	C2	8.3.2.3 - SA-12 - Evaluate the use and effectiveness of real-time monitoring tools	5/6/2024	8.3.2.3 - SA-12	DRU 13216	DRU13216_OEIS Confidentiality Declaration DRU13216_Q01_SA-12_Atch01_Joint-IOU Meeting_2023_CONF DRU13216_Q01_SA-12_Atch01_Joint-IOU Meeting_2023_Redacted DRU13216_Q1-2_2024 Audit_IE_2023 WMP-SA-12- 8.3.2.3 Primary Evidence DRU13216_Q02_SA-12_Atch01_Define EDRS_CONF DRU13216_Q02_SA-12_Atch01_Define EDRS_Redacted
PG&E_DR070.1	5/6/2024	C2	8.3.2.3 - SA-12 - Evaluate the use and effectiveness of	5/6/2024	8.3.2.3 - SA-12	DRU 13216	DRU13216_OEIS Confidentiality Declaration DRU13216_Q01_SA-12_Atch01_Joint-IOU Meeting_2023_CONF DRU13216_Q01_SA-12_Atch01_Joint-IOU Meeting_2023_Redacted

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
			real-time monitoring tools				DRU13216_Q1-2_2024 Audit_IE_2023 WMP-SA-12- 8.3.2.3 Primary Evidence DRU13216_Q02_SA-12_Atch01_Define EDRS_CONF DRU13216_Q02_SA-12_Atch01_Define EDRS_Redacted
PG&E_DR071	5/6/2024	C2	8.3.6.3 - SA-05 - Evaluate FPI and IPW Modeling enhancements in 2023 - 2025	5/6/2024	8.3.6.3 - SA-05	DRU 13213	DRU13213_OEIS Confidentiality Declaration DRU13213_Q01_SA-05_Atch01_Model Documentation DRU13213_Q01_SA-05_Atch02_Documentation DRU13213_Q01_SA-05_Atch03_WRGSC_v1_CONF DRU13213_Q01_SA-05_Atch03_WRGSC_v1_Redacted DRU13213_Q1-2_2024 Audit_IE_2023 WMP-SA-05- 8.3.6.3 Primary Evidence DRU13213_Q02_SA-05_Atch01_Define EDRS_CONF DRU13213_Q02_SA-05_Atch01_Define EDRS_Redacted
PG&E_DR072	5/3/2024	C2	8.2.6 - VM-09 - Constraint Resolution Procedural Guideline	5/7/2024	8.2.6 - VM-09	DRU 13272	DRU13272_OEIS Confidentiality Declaration DRU13272_Q01_VM-09_Atch01_TD-7102P-04 Customer Interference Procedure_CONF DRU13272_Q01_VM-09_Atch01_TD-7102P-04 Customer Interference Procedure_Redacted DRU13272_Q01_VM-09_Atch02_TD-7102P-16 VM Riparian Review Procedure_CONF

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PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13272_Q01_VM-09_Atch02_TD-7102P-16 VM Riparian Review Procedure_Redacted DRU13272_Q01_VM-09_Atch03_TD-7102P-16- JA01 Identifying Riparian Areas DRU13272_Q01_VM-09_Atch04_TD-7102P-16- Att01 VM Riparian Programmatic ERTC DRU13272_Q01_VM-09_Atch05_TD-7102P-01- B038 VM Encroachment Permit Bulletin_CONF DRU13272_Q01_VM-09_Atch05_TD-7102P-01- B038 VM Encroachment Permit Bulletin_Redacted DRU13272_Q01_VM-09_Atch06_Right Tree Right Place Report 12.08.23 DRU13272_Q1-2_2024 Audit_IE_2023 WMP- VM-09- 8.2.6 Primary Evidence DRU13272_Q02_VM-09_Atch01_Define EDRS_CONF DRU13272_Q02_VM-09_Atch01_Define EDRS_Redacted
PG&E_DR072.1	5/6/2024	C2	8.2.6 - VM-09 - Constraint Resolution Procedural Guideline	5/7/2024	8.2.6 - VM- 09	DRU 13272	DRU13272_OEIS Confidentiality Declaration DRU13272_Q01_VM-09_Atch01_TD-7102P-04 Customer Interference Procedure_CONF DRU13272_Q01_VM-09_Atch01_TD-7102P-04 Customer Interference Procedure_Redacted DRU13272_Q01_VM-09_Atch02_TD-7102P-16 VM Riparian Review Procedure_CONF DRU13272_Q01_VM-09_Atch02_TD-7102P-16 VM Riparian Review Procedure_Redacted

**FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE**

PG&E Data Req. # Tracking Number	Date Sent	From	Subject	Date Response Received	Section	DRU#	Response Name and File Name
							DRU13272_Q01_VM-09_Atch03_TD-7102P-16- JA01 Identifying Riparian Areas DRU13272_Q01_VM-09_Atch04_TD-7102P-16- Att01 VM Riparian Programmatic ERTC DRU13272_Q01_VM-09_Atch05_TD-7102P-01- B038 VM Encroachment Permit Bulletin_CONF DRU13272_Q01_VM-09_Atch05_TD-7102P-01- B038 VM Encroachment Permit Bulletin_Redacted DRU13272_Q01_VM-09_Atch06_Right Tree Right Place Report 12.08.23 DRU13272_Q1-2_2024 Audit_IE_2023 WMP- VM-09- 8.2.6 Primary Evidence DRU13272_Q02_VM-09_Atch01_Define EDRS_CONF DRU13272_Q02_VM-09_Atch01_Define EDRS_Redacted

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR001

**Data Request Date:** 04/12/24  
**Due Date:** 4/17/24

**Name:** Barbara Tomajic

**Email:**  
barbara.tomajic@bureauveritas.com

**WMP Category:** WMP Report

**Phone #:** (916)514-4511

**Company:** BVNA

**Preferred Point of Contact:** Email

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
NA	NA	2023 Wildfire Mitigation Plan	NA	NA	Document Review	Please provide the official and approved 2023 WMP and QDR	High

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR002

Name: Barbara Tomajic

WMP Category: QA and QC Programs

Company: BVNA

**Data Request Date:** 04/12/24  
**Due Date:** 4/17/24

Email:  
barbara.tomajic@bureauveritas.com

Phone #: (916)514-4511

Preferred Point of Contact: Email

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
NA	NA	2023 Wildfire Mitigation Plan	NA	NA	Document Review	Please provide a complete list of existing QA and QC programs with detailed descriptions for each program as referenced in the 2023 WMP.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR010

**Data Request Date:** 05/07/24  
**Due Date:** 05/10/24

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

**WMP Category:** Large Volume  
Quantifiable Goal/Target - Field Verifiable

**Phone #:** (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	# of Circuit Miles	8.1.2.1 - GH-01 - System Hardening - Distribution	420	447	Document(s)	"1. Please provide the Construction Drawings for the following Orders: 35312540, 35316569, 35316567, 35374681, 35339726, 35297692, 35292754, 35240165, 35249875, 35249876, 35217275, 35234398, 35234395, 35224856, 35240223, 35240222, 35264187, 35278881, 35278884, 35299631	High



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR011

**Data Request Date:** 05/07/24  
**Due Date:** 05/10/24

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen

Email: tatianaf@c2group.us

WMP Category: Large Volume  
Quantifiable Goal/Target - Field  
Verifiable

Phone #: (858)231-1961

Medium = Task Driven Not Critical. Data responses can be received secondary.

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	# of Circuit Miles	8.1.2.2 - GH-04 - 10K Undergrounding	350	364	Document(s)	1. Please provide the Construction Drawings for the following Orders: 35312540, 35374681, 35297692, 35316569, 35292754, 35217275, 35316567, 35224856, 35299631, 35350874, 35374559, 35145001, 35320441, 35334753, 35404729, 35404727, 35285249, 35332360, 35312543, 35330812, 35118676, 35227415, 35126750	Grid Design, Operations and Maintenance

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR015.1

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

**WMP Category:** a. Large Volume  
**Quantifiable Goal/Target - Field Verifiable**

**Phone #:** (858)231-1961

Medium = Task Driven Not Critical. Data responses can be received secondary.

**Company:** C2 Group

**Preferred Point of Contact:** Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of distribution poles	8.2.3.1 Pole Clearing Program	77,503	79,882	Document	1. Please clarify which items referenced response to question no. 2 in DRU13226 are applicable for Embedded QA or QC and which are applicable for Major Infrastructure Delivery Quality Management. 2. Please provide documentation for Embedded QA or QC or Major Infrastructure Delivery Quality Management if either are not included in the information provided for this initiative in DRU13226.	1. Medium 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR017

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Marc Underwood  
WMP Category: Grid Design,  
Operations and Maintenance  
Company: BVNA

Email:  
Phone #:  
Preferred Point of Contact:

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target - Not Field Verifiable	Reports	WMP Section: 8.1.3.1.2 Initiative: AI-04	24,000	25,360	Document Review	Please provide list of 24,000 transmission aerial inspection reports (referenced in WMP Tables 7-3-2, 8-3 and 8-4, Section 8.1.3.1.2) available for review in excel format with threat district, risk area, and utility region provided for each report line.



**DATA REQUEST**

**Data Request Number:**  
**PG&E\_DR017.b**

**Data Request Date:** 05/02/24  
**Due Date:** 05/07/24

Name: Marc Underwood  
 WMP Category: Grid Design,  
 Operations and Maintenance  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target - Not Field Verifiable	Reports	WMP Section: 8.1.3.1.2 Initiative: AI-04	24,000	25,360	Document Review	Please provide 158 detailed aerial inspections reports referenced in the excel spreadsheet file "DRU13193_Q01_AI-04_DR017" attached to this data request PG&E_DR021.b.



**DATA REQUEST**

**Data Request Number:**  
**PG&E\_DR018**

**Data Request Date:** 04/24/24  
**Due Date:** 4/29/24

Name: Dave Stoddard  
 WMP Category: Grid Design,  
 Operations, and Maintenance  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target - Not Field Verifiable	# of miles	8.1.3.1.4 - AI-06 Detailed Inspection Transmission - Ground	4,000	4,292	Document Review	Please provide an Excel list of inspection reports for 4000 transmission lines with threat district, risk area, and utility region provided for each report line

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR018-B**

**Data Request Date:** 05/17/24  
**Due Date:** 05/22/24

Name: Dave Stoddard  
 WMP Category: Grid Design,  
 Operations, and Maintenance  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
DRU13197_Q01_AI-06_Atch01_Inspection Transmission	Infrared inspection reports	Tier 2	25		Document Review	Tier 2 infrared inspection records request - please provide 14 inspection records in the green rows of attachment DRU13197_QAI-06 -5/17
DRU13197_Q01_AI-06_Atch01_Inspection Transmission	Infrared inspection reports	Tier 3	75		Document Review	Tier 3 infrared inspection records request - please provide 64 inspection records in the yellow rows of attachment DRU13197_QAI-06 -5/17
DRU13197_Q01_AI-06_Atch01_Inspection Transmission	Infrared inspection reports	Tier 2/3	0		Document Review	Tier 2/3 infrared inspection records request - please provide 22 (11 for Tier 2 & 11 for Tier 3) inspection records in the orange rows of attachment DRU13197_QAI-06 -5/17



**DATA REQUEST**

**Data Request Number:**  
**PG&E\_DR019b**

**Data Request Date:** 05/02/24  
**Due Date:** 05/07/24

Name: John Sniegoski  
 WMP Category: Grid Design,  
 Operations and Maintenance  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target - Not Field Verifiable	Reports	WMP Section: 8.1.3.1.1 Initiative: AI-02	27,000	27,691	Document Review	Please provide 158 detailed reports and/or photos, etc. referenced as highlighted in the attached excel spreadsheet file "DRU_Q01_AI-02_Atch01_Detailed Inspection Transmission-Ground"

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR020**

**Data Request Date:** 04/29/24  
**Due Date:** 5/2/24

Name: John Sniegoski  
 WMP Category: Grid Design,  
 Operations and Maintenance  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target – Not Field Verifiable	Reports	WMP Section: 8.1.3.1.3 Initiative: AI-05	1,700	1,786	Document Review	Please provide list of 1,700 climbing inspection reports (referenced in WMP Table 8-4, Section 8.1.3.1.3)



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR020.b

**Data Request Date:** 05/06/24  
**Due Date:** 5/9/24

Name: John Sniegoski  
WMP Category: Grid Design,  
Operations and Maintenance  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target – Not Field Verifiable	Reports	WMP Section: 8.1.3.1.3 Initiative: AI-05	1,700	1,786	Document Review	Please provide 63 detailed reports and/or photos, etc. referenced as highlighted in the attached excel spreadsheet file "DRU13195_Q01_AI-05_DR020.b"_Detailed Inspections Transmission Climbing.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR021.b**

**Data Request Date:** 05/01/24  
**Due Date:** 05/06/24

Name: Marc Underwood  
 WMP Category: Grid Design,  
 Operations and Maintenance  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target - Non-Field Verifiable	Reports	WMP Section: 8.1.3.2.1 Initiative: AI-07	234,648	236,544	Document Review	Please provide 400 distribution ground inspection reports referenced in the excel spreadsheet file "DRU13199_Q01_AI-07_DR021" attached to this data request PG&E_DR021.b.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR022

**Data Request Date:** 05/10/2024  
**Due Date:** 05/15/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen

Email: tatianaf@c2group.us

WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Phone #: (858)231-1961

Medium = Task Driven Not Critical. Data responses can be received secondary.

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	% Confidence Level	8.1.6.1 Asset Inspections - Quality Assurance	QA Transmission 92% QA Distribution 82%	QA Transmission 99.95% Locations: 2,012 QA Distribution 92.88% Locations: 5,012	Document / Interview	1. Please provide documentation for completed transmission inspection quality assurance audits in the attached spreadsheet "GM-01 Transmission QA Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the</b>	1. Medium 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

					<p><b>progress on this initiative.</b></p> <p>2. Please provide documentation for completed distribution inspection quality assurance audits in the attached spreadsheet "GM-01 Distribution QA Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b></p>	
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# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR022.1

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

**WMP Category:** Large Volume  
**Quantifiable Goal/Target – Not Field Verifiable**

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	% Confidence Level	8.1.6.1 Asset Inspections - Quality Assurance	QA Transmission 92% QA Distribution 82%	QA Transmission 99.95% Locations: 2,012 QA Distribution 92.88% Locations: 5,012	Document / Interview	Please provide QA/QC Program documentation for the Major Infrastructure Delivery Quality Management QAQC related to this initiative.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR023.b

**Data Request Date:** 05/03/2024  
**Due Date:** 5/8/2024

Name: John Sniegoski  
WMP Category: Grid Design,  
Operations and Maintenance  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
HFTD-HFRA Open Tag Reduction - Transmission	Open Work Orders	WMP Section: 8.1.7.1 Initiative: GM-02	16,831	16,069	Document Review	Please provide copies of the (158) field inspection reports listed and highlighted in the attachment for audit review.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR023.c

**Data Request Date:** 05/10/2024  
**Due Date:** 5/15/24

Name: John Sniegoski  
WMP Category: Grid Design,  
Operations and Maintenance  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target – Not Field Verifiable	Open Work Orders - Transmission	WMP Section: 8.1.7.1 Initiative: GM-02	1	1	Document Review	In response to DR023b received 5/8 DRU13512_Q01_Atch02_Sample Size of 157, please provide (1) additional inspection report sample in Excel format as per the highlighted attachment in yellow to complete the total of 158 as originally requested in DR023b but missed on spreadsheet.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR024.b

**Data Request Date:** 05/02/24  
**Due Date:** 05/07/24

Name: Marc Underwood  
WMP Category: Grid Design,  
Operations and Maintenance  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Qualitative	EC Tags	WMP Section: 8.1.7.2 Initiative: GM-03	48.0% reduction ignition risk notification	52.2%	Document Review	Please provide a report or reports associated with the 250 EC notifications referenced in the excel spreadsheet file "DRU13285_Q01_GM-03_DR024" attached to this data request PG&E_DR024.b. The report(s) should include locations matching the spreadsheet, notation of equipment condition, and notation associated with the risk assessment score.
Qualitative	EC Tags	WMP Section: 8.1.7.2 Initiative: GM-03	48.0% reduction ignition risk notification	52.2%	Document Review	Referencing the spreadsheet attached to response DRU13285, please indicate what type of data point each of the 60,503 lines represent, such as a report, email, other document type, foundry data point, etc. associated with each line.
Qualitative	EC	WMP Section:	48.0%	52.2%	Document	The data provided in response DRU13285



## FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

	Tags	8.1.7.2 Initiative: GM-03	reduction ignition risk notification		Review	indicates a risk unit 78.84 which includes all lines shown as backlog in the ignition grouping. This supports the 52.2% actual and exceeds the 48% target from 151.1 to 72.5. However, when selecting for the items designated "Comp" in the "Comp status" column, only 33,331 lines of the 50,077 total backlog lines are shown, leaving 16,746 as "CNCL". The "comp" lines add up to a 61.91 score or 41%. Please provide clarification for the data in the "Comp status" column and whether 16,746 items included in the "actual" risk reduction calculation were canceled. If they were canceled please provide supporting documentation to clarify why they are included in the risk reduction assessment.
Qualitative	EC Tags	WMP Section: 8.1.7.2 Initiative: GM-03	48.0% reduction ignition risk notification	52.2%	Document Review	Please clarify if any of the PDF documents attached to response DRU13285 include metrics that were used to determine the wildfire score (Spreadsheet data in Column B for 60,503 lines) included in the spreadsheet attached to the response. If not, please provide a document such as a report, standard, memo or other document that may be referenced for the metric employed to determine the wildfire score.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR025

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	% Pass Rate Audit Locations	8.1.6.2 Asset Inspection – Quality Control	Transmission 90% Locations: 20,000 Desktop 1,800 Field  Distribution 80%	Transmission 99.6% Locations: 20,988 Desktop 2,006 Field  Distribution 86.1%	Document / Interview	1. Please provide documentation for completed transmission inspection desktop quality control audits in the attached spreadsheet "GM-09 QC Transmission Desktop Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	1. Medium 2. Medium 3. Medium 4. Medium

## FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

			Locations: 140,000 Desktop 30,000 Field	Locations: 186,127 Desktop 38,880 Field	<p>2. Please provide documentation for completed transmission inspection field quality control audits in the attached spreadsheet "GM-09 QC Transmission Field Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b></p> <p>3. Please provide documentation for completed distribution inspection desktop quality control audits in the attached spreadsheet "GM-09 QC Distribution Desktop Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b></p> <p>4. Please provide documentation for completed distribution inspection field quality control audits in the attached spreadsheet "GM-09 QC Distribution Field Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b></p>	
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# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR025.1

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

**WMP Category:** Large Volume  
**Quantifiable Goal/Target – Not Field Verifiable**

**Phone #:** (858)231-1961

Medium = Task Driven Not Critical. Data responses can be received secondary.

**Company:** C2 Group

**Preferred Point of Contact:** Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	% Pass Rate Audit Locations	8.1.6.2 Asset Inspection – Quality Control	Transmission 90% Locations: 20,000 Desktop 1,800 Field  Distribution 80% Locations: 140,000 Desktop 30,000 Field	Transmission 99.6% Locations: 20,988 Desktop 2,006 Field  Distribution 86.1% Locations: 186,127 Desktop 38,880 Field	Document	Please provide QA/QC Program documentation for the Major Infrastructure Delivery Quality Management QAQC related to this initiative.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR026**

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Marc Underwood  
 WMP Category: Public Safety  
 Power Shutoff  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target - Not Field Verifiable	battery units	WMP Section: 8.5.3 Initiative: PS-06	4,000	4,292	Document Review	Please provide list of 4000 battery units (referenced in WMP Table 7-3-2 Section 9.1.4, and Table 9-5 8.5.3) available for review in any format with prioritization metric(s) shown such as threat district, AFN demographics, or weighted PSPS area for battery units or groups of battery units.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR026.b**

**Data Request Date:** 05/03/24  
**Due Date:** 05/08/24

Name: Marc Underwood

WMP Category: Public Safety

Power Shutoff

Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target - Not Field Verifiable	Battery units	WMP Section: 8.5.3 Initiative: PS-06	4,000	4,292	Document Review	Please provide 100 Battery Invoices or Waivers referenced in the excel spreadsheet file "DRU13205_Q01_PS-06_DR026" attached to this data request PG&E_DR026.b.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR027**

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Dave Stoddard  
 WMP Category: Public Safety  
 Power Shutoff  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Large Volume Quantifiable Goal/Target - Not Field Verifiable	# of customer events	9.1.5 - PS-07 PSPS Customer Impact Reduction	15,000	15,672	Document Review	Please provide 5-year Lookback analysis documentation with Historical Weather and PSPS Event Data.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR028

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen

Email: tatianaf@c2group.us

WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Phone #: (858)231-1961

Medium = Task Driven Not Critical. Data responses can be received secondary.

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of circuit miles	8.2.2.1.1 LiDAR Data Collection - Transmission	17,500	17,817	Document / Interview	1. Please provide documentation for completed transmission lidar data collection in the attached spreadsheet "VM-01 Lidar Data Transmission Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	1. Medium



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR029

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.2.5 Focused Tree Inspection Program	250	267	Document / Interview	1. Please provide documentation for completed focused tree inspections in the attached spreadsheet "VM-03 Focus Tree Inspections Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	1. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR030

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical,  
Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Distribution Substations	8.2.2.3.1 Defensible Space Inspections - Distribution Substation	131	131	Document	1. Please provide a list of distribution substation locations where defensible space inspections were completed and the dates of the completed inspections. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams that includes the processes for the review and verification relating to the completion of the Distribution Substations defensible space inspections.	1. High 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR030.1

**Data Request Date:** 05/10/2024  
**Due Date:** 05/15/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Distribution Substations	8.2.2.3.1 Defensible Space Inspections - Distribution Substation	131	131	Document / Interview	1. Please provide documentation for defensible space inspections completed for the distribution substation locations in the attached spreadsheet "VM-05 Defensible Space Inspections Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	1. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR030.2

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen

Email: tatianaf@c2group.us

WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Phone #: (858)231-1961

Medium = Task Driven Not Critical. Data responses can be received secondary.

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Distribution Substations	8.2.2.3.1 Defensible Space Inspections - Distribution Substation	131	131	Document	Please provide an example of the ArcGIS Online (AGOL) Dashboard used for Embedded QA or QC for this initiative referenced response to question no. 002 in DRU13247.	1. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR031

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Audit Locations % Pass Rate	8.2.5 Vegetation Management – Quality Verification	95% QA VM Distribution Locations: 2,500	99.75% QA VM Distribution Locations: 4,285	Document / Interview	Please provide documentation for the completed Quality Verification audits in the attached spreadsheet "VM-08 Quality Verification Distribution Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	Medium

## FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

Vegetation Management and Inspection	# of Audit Locations % Pass Rate	8.2.5 Vegetation Management – Quality Verification	95% QA VM Transmission Locations: 1,200	99.93% QA VM Transmission Locations: 2,038	Document / Interview	Please provide documentation for the completed Quality Verification audits in the attached spreadsheet "VM-08 Quality Verification Transmission Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	Medium
Vegetation Management and Inspection	# of Audit Locations % Pass Rate	8.2.5 Vegetation Management – Quality Verification	95% QA VM Pole Clearing Locations: 1,800	99.04% QA VM Pole Clearing Locations: 2,284	Document / Interview	Please provide documentation for the completed Quality Verification audits in the attached spreadsheet "VM-08 Quality Verification Pole Clearing Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR031.1

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

**WMP Category:** Large Volume  
**Quantifiable Goal/Target – Not Field Verifiable**

**Phone #:** (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Audit Locations % Pass Rate	8.2.5 Vegetation Management – Quality Verification	95% QA VM Distribution Locations: 2,500	99.75% QA VM Distribution Locations: 4,285	Document	Please provide documentation for the Major Infrastructure Delivery Quality Management for this initiative.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR032

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical,  
Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.1.1 Routine Transmission – Ground	17,740	18,172	Document / Interview	1. Please provide documentation for the completed routine transmission ground vegetation management inspections in the attached spreadsheet "VM-13 Routing Transmission Ground Inspections Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	1. Medium



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR032.1

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

**WMP Category:** Large Volume  
**Quantifiable Goal/Target – Not Field Verifiable**

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.1.1 Routine Transmission – Ground	17,740	18,172	Document	1. Please clarify which items referenced response to question no. 2 in DRU13274 are applicable for Embedded QA or QC and which are applicable for Major Infrastructure Delivery Quality Management. 2. Please provide documentation for Embedded QA or QC or Major Infrastructure Delivery Quality Management if either are not included in the information provided for this initiative in DRU13274.	1. Medium 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR033

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Low = Not Task Driven, Not Critical,  
Informational Only. Data responses can be received without pressing demands.

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.1.2 Transmission Second Patrol	5,625	5,681	Document	1. Please provide the latitude and longitude locations that represent the beginning and end of segments of transmission second patrol completed and the date of completed patrols. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC, WMP PMO QA, and Major Infrastructure Delivery Quality Management teams that includes the processes for the review and verification relating to the completion of the transmission second patrol.	1. High 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR033.1

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Low = Not Task Driven, Not Critical,  
Informational Only. Data responses can be received without pressing demands.

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.1.2 Transmission Second Patrol	5,625	5,681	Document / Interview	1. Please provide documentation for the completed transmission second patrol inspections in the attached spreadsheet "VM-14 Second Patrol Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	1. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR033.2

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

Name: Tatiana Friesen

Email: tatianaf@c2group.us

WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Phone #: (858)231-1961

Medium = Task Driven Not Critical. Data responses can be received secondary.

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.1.2 Transmission Second Patrol	5,625	5,681	Document	1. Please clarify which items referenced response to question no. 2 in DRU13286 are applicable for Embedded QA or QC and which are applicable for Major Infrastructure Delivery Quality Management. 2. Please provide documentation for Embedded QA or QC or Major Infrastructure Delivery Quality Management if either are not included in the information provided for this initiative in DRU13286.	1. Medium 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR034

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Acres	8.2.2.1.3 Integrated Vegetation Management - Transmission	11,194	11,742	Document	1. Please provide the latitude and longitude locations of the PG&E structures that represent the beginning and end of sections of completed Integrated Vegetation Management inspections, the circuit name, acres completed, and completion date. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams that includes the processes for the review and verification relating to the completion of the Integrated Vegetation Management - Transmission.	1. High  2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR034.1

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Acres	8.2.2.1.3 Integrated Vegetation Management - Transmission	11,194	11,742	Document / Interview	1. Please documentation for the completion of Integrated Vegetation Management inspections in the attached spreadsheet "VM-15 Integrated Vegetation Management INspections Sample" <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	1. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR035

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.2.1 Distribution Routine Patrol	79,000	79,950	Document	1. Please provide the latitude and longitude locations of the PG&E structures that represent the start and stop sections of the Distribution Routine Patrol, line miles completed by circuit, and the dates of completed inspections. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC, WMP PMO QA, and Major Infrastructure Delivery Quality Management teams that includes the processes for the review and verification relating to the completion of the Distribution Routine Patrol.	1. High 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR035.1

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.2.1 Distribution Routine Patrol	79,000	79,950	Document / Interview	1. Please provide documentation of the completion of the Distribution Routine Patrol in the attached spreadsheet "VM-16 Distribution Routine Patrol Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	1. Medium



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR035.2

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

**WMP Category:** Large Volume  
**Quantifiable Goal/Target – Not Field Verifiable**

**Phone #:** (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.2.1 Distribution Routine Patrol	79,000	79,950	Document	1. Please clarify which items referenced response to question no. 2 in DRU13292 are applicable for Embedded QA or QC and which are applicable for Major Infrastructure Delivery Quality Management. 2. Please provide documentation for Embedded QA or QC or Major Infrastructure Delivery Quality Management if either are not included in the information provided for this initiative in DRU13292.	1. Medium 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR036

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.2.2 Distribution Second Patrol	43,000	43,222	Document	1. Please provide the latitude and longitude locations of the PG&E structures that represent the start and stop sections of distribution second patrol miles completed and the date of completed inspections. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC, WMP PMO QA, and Major Infrastructure Delivery	1. High 2. Medium 3. Medium

FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

					<p>Quality Management teams that includes the processes for the review and verification relating to the completion of the distribution second patrol.</p> <p>3. Please confirm that the target for this initiative is 43,000 circuit miles. In the 2023-2025 WMP, Revised Table 7-3-2 PG&amp;E'S WMP Targets identifies the target for initiative VM-17 as 43,600 circuit miles. In the 2023-2025 WMP Revised Table 8-14 Revised PG&amp;E VM Targets identifies the target for initiative VM-17 as 43,000 circuit miles and Revised Table 8-15 Revised Vegetation Inspections Targets by year identifies the target for initiative VM-17 as 43,000 circuit miles.</p> <p>Both Q3 and Q4 QDRs identify the target for VM-17 as 43,000 circuit miles.</p>	
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# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR036.1

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.2.2 Distribution Second Patrol	43,000	43,222	Document / Interview	1. Please provide documentation for the completed distribution second patrol inspections in the attached spreadsheet "VM-17 Distribution Second Patrol Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	1. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR036.2

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

**WMP Category:** Large Volume  
**Quantifiable Goal/Target – Not Field Verifiable**

**Phone #:** (858)231-1961

Medium = Task Driven Not Critical. Data responses can be received secondary.

**Company:** C2 Group

**Preferred Point of Contact:** Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Circuit Miles	8.2.2.2.2 Distribution Second Patrol	43,000	43,222	Document	1. Please clarify which items referenced response to question no. 2 in DRU13293 are applicable for Embedded QA or QC and which are applicable for Major Infrastructure Delivery Quality Management. 2. Please provide documentation for Embedded QA or QC or Major Infrastructure Delivery Quality Management if either are not included in the information provided for this initiative in DRU13293.	1. Medium 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR037

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not Field Verifiable

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Trees	8.2.5.2 Vegetation Management - Quality Control	80% QC Routine Distribution  88% QC Vegetation Management Transmission  80% QC VC Pole Clearing	85.7% QC Routine Distribution Trees Audited: 117,285  92.9% QC Vegetation Management Transmission Trees Audited:	Document	1. Distribution Routine VM - HFTD - Please provide the latitude and longitude of the general area where the audits were completed since each audit includes multiple trees. 2. Transmission VM - HFTD - Please provide the latitude and longitude of the general area where the	1. High 2. High 3. High 4. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

				<p style="text-align: center;">15,902</p> <p style="text-align: center;">86.1% QC VC Pole Clearing Trees Audited: 10,791</p>	<p>audits were completed since each audit includes multiple trees.</p> <p>3. Pole Clearing - HFTD - Please provide the latitude and longitude of poles audited.</p> <p>4. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC, WMP PMO QA, and Major Infrastructure Delivery Quality Management teams that includes the processes for the review and verification relating to the completion of the Vegetation Management - Quality Control.</p>	
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# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR037.1

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Low = Not Task Driven, Not Critical,  
Informational Only. Data responses can be received without pressing demands.

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Trees	8.2.5.2 Vegetation Management - Quality Control	Distribution 75,000 Audit Locations 80% Pass Rate	Distribution 117,285 Trees Inspected 85.7% Pass Rate	Document / Interview	Please provide documentation for the completed Quality Verification audits in the attached spreadsheets "VM-22 Quality Control Routine Distribution Sample" and "VM-22 Quality Control FTI Routine Distribution Sample". If detailed documentation is not available or easily transmittable, please schedule a SME interview to	Medium



## FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

						review and discuss the progress on this initiative.	
Vegetation Management and Inspection	Trees	8.2.5.2 Vegetation Management - Quality Control	Transmission 12,500 Audit Locations 88% Pass Rate	Transmission 15,902 Trees Inspected 92.9% Pass Rate	Document / Interview	Please provide documentation for the completed Quality Verification audits in the attached spreadsheet "VM-22 Quality Control Transmission Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	Medium
Vegetation Management and Inspection	Trees	8.2.5.2 Vegetation Management - Quality Control	Pole Clearing 10,500 Audit Locations 80% Pass Rate	Pole Clearing 10,791 Audit Locations 86.1% Pass Rate	Document / Interview	Please provide documentation for the completed Quality Verification audits in the attached spreadsheet "VM-22 Quality Control Pole ClearingSample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR037.2

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

Name: Tatiana Friesen

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

WMP Category: Large Volume  
Quantifiable Goal/Target – Not  
Field Verifiable

Phone #: (858)231-1961

Low = Not Task Driven, Not Critical,  
Informational Only. Data responses can be  
received without pressing demands.

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	Trees	8.2.5.2 Vegetation Management - Quality Control	Distribution 75,000 Audit Locations 80% Pass Rate	Distribution 117,285 Trees Inspected 85.7% Pass Rate	Document / Interview	Please provide examples of or sample outputs from the Major Infrastructure Delivery, Quality Management System identified in response to question no. 002 in DRU13294. If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and Major Infrastructure Delivery Quality Management System for this initiative.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR038**

**Data Request Date:** 04/29/24  
**Due Date:** 5/02/24

Name: Trampas Shook  
 WMP Category: Community  
 Outreach and Engagement  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Quantifiable Goal / Target Small (Less than 100)	N/A	8.5 / 8.5.2	2		Document Review	1. Provide tabular list of communities that were targeted per WMP section 8.5.2 in 2 PSPS education and outreach surveys (per Table 7-3-2, and Table 8-55) with AFN and geographic location shown, and if outreach was completed. (This request is not just to show the type of community per Table 8-58 or outreach program per Table 8-60, but to show that communities were targeted with outreach achieved for each survey. This can include a list of targets and completion for each survey, and may be supported by digital correspondence where available.)

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR039**

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Dave Stoddard  
 WMP Category: Emergency  
 Preparedness  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Small (less than 100 items) Volume Quantifiable Goal/Target	Company Emergency Response Plan (CERP) and the two wildfire related annexes	8.4.3.1 - EP-06 - Review, and revise the CERP, and 2 Wildfire Related Annexes (Wildfire Annex, and Public Safety Power Shutoff Annex) on a yearly basis	3 Documents	3	Document Review	Please provide copies of the documents, as well as any documentation of the annual review having been conducted.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR040

**Data Request Date:** 04/24/24  
**Due Date:** 4/29/24

Name: Manny Chavez  
WMP Category: Grid Design,  
Operations, and Maintenance  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Small (Less than 100 items) Quantifiable Goal/Target - Not Field Verifiable	# of Structures	AI-08 8.1.3.3.1 Substations Inspections	52	52	Document Review	Please provide an Excel list of the Distribution Substation reports (referenced in WMP Table 8-4, Section 8.1.3.3.1) for substations.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR041**

**Data Request Date:** 04/24/24  
**Due Date:** 4/29/24

Name: Manny Chavez  
 WMP Category: Grid Design,  
 Operations, and Maintenance  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Small (Less than 100 items) Quantifiable Goal/Target - Not Field Verifiable	# of Structures	AI-09 8.1.3.3.1 Substations Inspections	34	34	Document Review	Please provide an Excel list of the Transmission Substation reports (referenced in WMP Table 8-4, Section 8.1.3.3.1) for substations.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR042

**Data Request Date:** 04/24/24  
**Due Date:** 4/29/24

Name: Manny Chavez  
WMP Category: Grid Design,  
Operations, and Maintenance  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Small (Less than 100 items) Quantifiable Goal/Target - Not Field Verifiable	# of Structures	AI-10 8.1.3.3.1 Substations Inspections	41	41	Document Review	Please provide an Excel list of the Hydroelectric Generation Substations and Powerhouses reports (referenced in WMP Table 8-4, Section 8.1.3.3.1) for substations.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR043

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Small (less than 100 items) Volume Quantifiable Goal/Target

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	# of circuit miles	8.1.2.5.1 System Hardening - Transmission	43	56	Document	1. Please provide the list of locations of the system hardened conductor, including the circuit name, HFTD designation, length of hardened line, identification if the line was replaced or removed and completion date, and include associated as-builts of completed hardening work.	1. High 2. Medium



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

						2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams relating to system hardening operations, including verification of work quality and completion in conformance with applicable standards.	
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# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR044

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Small (less than 100 items) Volume Quantifiable Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	# of Transmission Lines	8.1.2.5.1 System Hardening - Transmission Shunt Splices	20	20	Document	1. Please provide the list of locations for the installation of shunt splices on transmission lines, including the circuit name and completion date. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams relating to System Hardening - Transmission Shunt Splices, including verification of work quality and completion in conformance with applicable standards.	1. High 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR044.1

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Small (less than 100 items) Volume Quantifiable Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	# of Transmission Lines	8.1.2.5.1 System Hardening - Transmission Shunt Splices	20	20	Document/ Interview	Please provide documentation for completed installation of shunt splices in the attached spreadsheet "GH-09 Shunt Splice Installation Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR045

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Small (less than 100 items) Volume Quantifiable Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	# of distribution sectionalizing devices	8.1.2.8.1 Distribution Protective Devices	75	76	Document	1. Please provide the pole numbers and the latitude/longitude locations of poles with distribution protective devices (or the latitude/longitude of the device if not pole-mounted), as well as description of the new equipment installed and date of installation. 2. Per the Data Request DRU13287 Response, provide QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams related to the location selection, equipment specified, construction and operation.	1. High 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR045.1

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Small (less than 100 items) Volume Quantifiable Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	# of distribution sectionalizing devices	8.1.2.8.1 Distribution Protective Devices	75	76	Document / Interview	Please provide documentation for completed installation of distribution protective devices in the attached spreadsheet "GH-07 Distribution Protective Devices Sample". If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR046**

**Data Request Date:** 04/29/24  
**Due Date:** 05/02/24

Name: John Sniegoski  
 WMP Category: Grid Design,  
 Operations and Maintenance  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
c. Small (less than 100 items) Volume Quantifiable Goal/Target	Reports	WMP Section: 8.1.2.10.3 Initiative: GH-09	20	21	Document Review	Identify the 20 Motorized Switch Operators (MSOs) by location and what they replaced with such as switches with reclosers, subsurface equipment, vacuum switch, etc. (Table 7-3-2 Section 8.1.1.2, Table 8-3 Section 8.1.2.10.3). Provide Excel spreadsheet with supporting communication records if report documents are not available.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR046b

**Data Request Date:** 05/30/2024  
**Due Date:** 06/04/2024

Name: Angie Shook  
WMP Category: Grid Design,  
Operations and Maintenance  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Small (less than 100 items) Volume Quantifiable Goal/Target	20 of MSOs replacements	8.1.2.10.3 - GH-09 - Motor Switch Operator (MSO) Switch Replacement	20	21	Document Review	Provide SCADA Release letters and CCSCs for the replacement of two additional Motorized Switch Operators that were identified for replacement to complete the minimum sample size of three from DRU13269 (MSO Switch replacement) Excel attachment for PM #s requested.
Small (less than 100 items) Volume Quantifiable Goal/Target	20 of MSOs replacements	8.1.2.10.3 - GH-09 - Motor Switch Operator (MSO) Switch Replacement	20	21	Document Review	Provide the document TD-076253-B005: De-Energized Operation of Inertia SCADA MSO. Document must identify the 47 Motorized Switch Operators that were identified for replacement



**DATA REQUEST**

**Data Request Number:**  
**PG&E\_DR047**

**Data Request Date:** 04/26/24  
**Due Date:** TBD

Name: John Sniegoski  
 WMP Category: Situational  
 Awareness and Forecasting  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
c. Small (less than 100 items) Volume Quantifiable Goal/Target	Line Sensor - Installations	WMP Section: 8.3.3.1 Initiative: SA-02	40	55	Document Review	Please provide locations of 55 line sensors by HFTD (referenced in WMP Table 8-23, Section 8.3.3.1)



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR047.b

**Data Request Date:** 05/30/2024  
**Due Date:** 06/04/2024

Name: Angie Shook  
WMP Category: Situational  
Awareness and Forecasting  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
c. Small (less than 100 items) Volume Quantifiable Goal/Target	# of circuits (40 circuits)	8.3.3.3 SA-02 Grid Monitoring Systems, Planned Improvements, Line Sensor - Installations	40	55	Document review	Please provide complete job packages for four line sensor installations associated with this initiative as listed in 2023 Foundry HFTD Circuit Designation report. See attached report with yellow highlighted installations for exact data.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR048**

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Marc Underwood  
 WMP Category: Situational  
 Awareness and Forecasting  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Small Volume Quantifiable Goal/Targe - Not Field Verifiable	DFA Sensor	WMP Section: 8.3.3.1 Initiative: SA-10	5	5	Document Review	Please provide locations of 5 Distribution Fault Anticipation (DFA) sensors by HFTD (referenced in WMP Table 8-23 and 7-3-2, Section 8.3.3.1)

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR049**

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Marc Underwood  
 WMP Category: Situational  
 Awareness and Forecasting  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Small Volume Quantifiable Goal/Target - Not Field Verifiable	EFD Sensors	WMP Section: 8.3.3.1 Initiative: SA-11	2	2	Document Review	Please provide locations of 2 EFD sensors by HFTD (referenced in WMP Table 8-23, Section 8.3.3.1) (additional DR may be required for location selection criteria for locations not in HFTD)

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR050

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen  
WMP Category: Small (less than 100 items) Volume Quantifiable Goal/Target

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Transmission Substations	8.2.2.3.1 Defensible Space Inspections - Transmission Substation	55	55	Document	1. Please provide a list of the transmission substation locations where defensible space inspections were completed and the dates of the completed inspections. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams that includes the processes for the review and verification relating to the completion of the Defensible Space Inspections - Transmission Substation.	1. High 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR050.1

**Data Request Date:** 05/13/2024  
**Due Date:** 05/16/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Small (less than 100 items) Volume Quantifiable Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Transmission Substations	8.2.2.3.1 Defensible Space Inspections - Transmission Substation	55	55	Document / Interview	Please provide documentation for the completed transmission substation defensible space inspections per the attached spreadsheet "VM-06 Defensible Space Inspections Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR050.2

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

**WMP Category:** Small (less than 100 items) Volume Quantifiable Goal/Target

**Phone #:** (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Transmission Substations	8.2.2.3.1 Defensible Space Inspections - Transmission Substation	55	55	Document	Please provide an example of the ArcGIS Online (AGOL) Dashboard used for Embedded QA or QC for this initiative referenced response to question no. 002 in DRU13248.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR051

**Data Request Date:** 04/29/2024  
**Due Date:** 05/02/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Small (less than 100 items) Volume Quantifiable Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Hydroelectric Substations and Powerhouses	8.2.2.3.1 Defensible Space Inspections - Hydroelectric Substations and Powerhouses	61	61	Document	1. Please provide a list of hydroelectric substation and powerhouse locations where defensible space inspections were completed and the dates of the completed inspections. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams that includes the	1. High 2. Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

						processes for the review and verification relating to the completion of the Defensible Space Inspections - Hydroelectric Substations and Powerhouses.	
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# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR051.1

**Data Request Date:** 05/16/2024  
**Due Date:** 05/21/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Small (less than 100 items) Volume Quantifiable Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Hydroelectric Substations and Powerhouses	8.2.2.3.1 Defensible Space Inspections - Hydroelectric Substations and Powerhouses	61	61	Document/ Interview	Please provide documentation for completed defensible space inspections for hydroelectric substation and powerhouse locations in the attached spreadsheet "VM-07 Defensible Space Inspections Hydroelectric and Powerhouse Sample". <b>If detailed documentation is not available or easily transmittable, please schedule a SME interview to review and discuss the progress on this initiative.</b>	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR051.2

**Data Request Date:** 06/03/2024  
**Due Date:** 06/06/2024

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

**WMP Category:** Small (less than 100 items) Volume Quantifiable Goal/Target

**Phone #:** (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	# of Hydroelectric Substations and Powerhouses	8.2.2.3.1 Defensible Space Inspections - Hydroelectric Substations and Powerhouses	61	61	Document	Please provide an example of the 2023 Hydro Defensible Space Tracker and Dashboard used for Embedded QA or QC for this initiative referenced response to question no. 002 in DRU13250.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR053**

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Dave Stoddard  
 WMP Category: Community  
 Outreach and Engagement  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Qualitative Goal/Target	Company Emergency Response Plan (CERP) and the two wildfire related annexes	8.5.2 - CO-01 - Community Engagement - Meetings	22 community engagement meetings within 5 service regions	All	Document Review	Please provide list of dates, locations (or if online or webinar), and topics for 22 community engagement meetings (referenced in WMP Table 8-53, WMP Table 8-54, Section 8.5.2) in Excel format



**DATA REQUEST**

**Data Request Number:**  
**PG&E\_DR054**

**Data Request Date:** 04/29/24  
**Due Date:** 5/03/24

Name: Trampas Shook  
 WMP Category: Community  
 Outreach to HFRA Infrastructure  
 Customers  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Community Outreach and Engagement	NA	8.5.2 CO-05	Qualitative Goal / Target	XXXX	Document Review	Provide outreach phone and/or email list. Information may be redacted as needed. Where information may not be shared due to privacy agreements, please share the privacy agreement document.



**DATA REQUEST**

**Data Request Number:**  
**PG&E\_DR054**

**Data Request Date:** 04/29/24  
**Due Date:** 5/03/24

Name: Trampas Shook  
 WMP Category: Community  
 Outreach to HFRA Infrastructure  
 Customers  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Community Outreach and Engagement	NA	8.5.2 CO-05	Qualitative Goal / Target	XXXX	Document Review	Provide outreach phone and/or email list. Information may be redacted as needed. Where information may not be shared due to privacy agreements, please share the privacy agreement document.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR055

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Emergency Preparedness	N/A	8.4.3.1 - EP-08 - Threats and Hazards Identification and Risk Assessment (THIRA) updates	N/A	N/A	Document	1. Please provide the 2023 Threats and Hazards Identification and Risk Assessment (THIRA). 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR056

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Qualitative Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Emergency Preparedness	N/A	8.4.2.3.1 - EP-01 - Complete PSPS and Wildfire Tabletop and Functional Exercises	N/A	N/A	Document	1. Please provide check-in/check-out records or After-Action Review (AAR) items as evidence of completion of the wildfire full-scale exercise and two PSPS seminars. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR057

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Emergency Preparedness	N/A	8.4.3.1 - EP-04 - Expand all hazards planning to include additional threats and scenarios in 2023 - 2025	N/A	N/A	Document	1. Please provide the 2023 Threats and Hazards Identification and Risk Assessment (THIRA) and the Extreme Weather and Physical Threat annexes. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR058

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Emergency Preparedness	N/A	8.4.3.1 - EP-02 - Maintain all hazards planning and preparedness program in 2023 - 2025	N/A	N/A	Document	1. Please provide the GO 166 report and presentation to the State. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR059

**Data Request Date:** 05/03/2024  
**Due Date:** 05/08/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Qualitative Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	N/A	8.1.9.1 - AI-01 - Retainment of Inspectors and Internal Workforce Development	N/A	N/A	Document	1. Please provide a copy of the multiyear resource plan.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR059.1

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Verification of QA/QC Programs

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	N/A	8.1.9.1 - AI-01 - Retainment of Inspectors and Internal Workforce Development	N/A	N/A	Document	Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR060

**Data Request Date:** 04/29/24  
**Due Date:** 05/02/24

Name: John Sniegoski  
WMP Category: Grid Design,  
Operations and Maintenance  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Grid Design, Operations and Maintenance	Pilot Inspections	WMP Section: 8.1.3.2.7 Initiative: AI-03	3,059	TBD	Document review	Provide source data referenced in "FIGURE PG&E-22-20-1: RESULTS OF AERIAL PILOT PROJECT" of the WMP and "TABLE PG&E-22-20-1: FIND RATES BY PRIORITY FOR GROUND AND AERIAL 1" of the WMP from the 2022 aerial pilot program in ACI PG&E-22-20 by providing a list of reports or data points for the 3,059 sample size and technology type used for each data point in the Table in an excel document. If all requested data points are not available in excel, please specify as such in the response and include any data points and documentation that is available that may correspond to the requested source data.

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR061

**Data Request Date:** 05/03/2024  
**Due Date:** 05/08/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	N/A	8.1.2.1 - GH-03 - Evaluate and Implement Covered Conductor Effectiveness Impact on Inspections and Maintenance Standards	N/A	N/A	Document	1. Please provide the report outlining the impacts of the methodology and any proposed changes. 2. Please provide the updated overhead inspections job aid TD-2305M-JA02.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR061.1

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Verification of QA/QC Programs

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	N/A	8.1.2.1 - GH-03 - Evaluate and Implement Covered Conductor Effectiveness Impact on Inspections and Maintenance Standards	N/A	N/A	Document	Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR062

**Data Request Date:** 05/03/2024  
**Due Date:** 05/08/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	N/A	8.1.5 - AI-11 - Filling Asset Inventory Data Gaps	N/A	N/A	Document	1. Please provide the list of targeted distribution and transmission equipment types, completion records for the field and record review Proofs of Concept, and the approach for estimating installation dates.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR062.1

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Verification of QA/QC Programs

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Grid Design, Operations and Maintenance	N/A	8.1.5 - AI-11 - Filling Asset Inventory Data Gaps	N/A	N/A	Document	Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR063

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Dave Stoddard  
WMP Category: Public Safety  
Power Shutoff  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Qualitative Goal/Target	Continue sharing PSPS lessons learned	9.1.2 - PS-10 - Continue sharing PSPS lessons learned	All monthly meetings across all regions	All	Document Review	Please provide list of dates, locations (or if online or webinar), and topics for monthly IOU meetings for PSPS (referenced in WMP Table 7-3-1 Section 9.1.3 and Table 9-3 Section 9.1.2)

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR064

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Marc Underwood  
WMP Category: Public Safety  
Power Shutoff  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Qualitative	Report or document	WMP Section: 9.1.2 Initiative: PS-08	3		Document Review	Please provide a document for each of the following as report, memo, email, or other documentation record as applicable: (1) WRGSC Recommendations Documentation detailing the proposed strategies and the expected outcomes in terms of PSPS reduction. (Per Program Method of Verification, WMP Table 9-4) (2) Technology Evaluation Report or study on the emerging technologies being evaluated for their potential to reduce PSPS impacts. (Per Objective Description, WMP Table 9-4) (3) Assessment Data on the impact of implemented technologies and mitigation strategies on the frequency and scope of PSPS events. (As available to support items 1 and/or 2 of this request)

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
**PG&E\_DR065**

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Dave Stoddard  
 WMP Category: Public Safety  
 Power Shutoff  
 Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Qualitative Goal/Target	Evaluate enhancements for the PSPS Transmission guidance	9.2.1 - PS-01 - Evaluate enhancements for the PSPS Transmission guidance	All enhancements	All	Document Review	<p>Please provide documentation of enhancements to PSPS Transmission Guidance as referred to in Table 7-3-1 and Section 7.2.1 that shows date of enhancements for the 3 year outlook.</p> <p>Please provide documentation on evaluation of update to PSPS transmission guidance as referenced in Table 9-3, Table 9-4, and Section 9.2.1.</p>

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PG&E\_DR066

**Data Request Date:** 04/25/24  
**Due Date:** 4/30/24

Name: Dave Stoddard  
WMP Category: Public Safety  
Power Shutoff  
Company: BVNA

Program IE Categorization Target	Units	Sections	Target	Actual	Method	Data Request
Qualitative Goal/Target	Evaluate the incorporation of approved IPW enhancements into the PSPS Distribution guidance	9.2.1 - PS-02 - Evaluate incorporation of approved IPW enhancements into the PSPS Distribution guidance	All enhancements	All	Document Review	<p>DR1. Please provide a PG&amp;E document providing guidance for VISUAL REPRESENTATION OF DISTRIBUTION PSPS DECISION-MAKING per FIGURE PG&amp;E-9.2.1-1 of the WMP (page 923 and as referenced in WMP Table 7-3-1 Section 9.1.3 and Table 9-3 Section 9.2.1)</p> <p>DR2. Please provide a PG&amp;E document providing guidance for SCENARIOS BASED ON IPW AND FPI VALUES per FIGURE PG&amp;E-9.2.1-2 of the WMP (referenced in WMP Table 7-3-1 Section 9.1.3 and Table 9-3 Section</p>

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

						9.2.1)  DR3. Please provide a PG&E document providing guidance for VISUAL REPRESENTATION OF TRANSMISSION SCOPING per FIGURE PG&E-9.2.1-6 of the WMP (referenced in WMP Table 7-3-1 Section 9.1.3 and Table 9-3 Section 9.2.1)
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# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR067

**Data Request Date:** 05/03/2024  
**Due Date:** 05/08/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Situational Awareness and Forecasting	N/A	8.3.3.3 - SA-03 - EFD and DFA Reporting	N/A	N/A	Document	1. Please provide copies of the Specification document – Analysis Methodology for identified EFD/DFA Use Cases, procedures detailing field processes for EFD/DFA field investigations, and the report for EFD/DFA Investigation Results and Remediations.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR067.1

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Verification of QA/QC Programs

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Situational Awareness and Forecasting	N/A	8.3.3.3 - SA-03 - EFD and DFA Reporting	N/A	N/A	Document	Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR068

**Data Request Date:** 05/03/2024  
**Due Date:** 05/08/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Situational Awareness and Forecasting	N/A	8.3.2.3 - SA-01 - AI in Wildfire Cameras	N/A	N/A	Document	1. Please provide the report from vendor outlining the deployment of the AI solution and incorporation of PG&E data feeds and evidence of successful user testing for notification push to WIV.	Medium



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR068.1

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Verification of QA/QC Programs

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Situational Awareness and Forecasting	N/A	8.3.2.3 - SA-01 - AI in Wildfire Cameras	N/A	N/A	Document	Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR069

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Qualitative Goal/Target

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Situational Awareness and Forecasting	N/A	8.3.6.3 - SA-04 - FPI and IPW Modeling - Revision Evaluation	N/A	N/A	Document	1. Please provide the documentation that demonstrates evaluation of enhancements to the FPI and IPW Models and the subsequent approval from WRGSC. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR070

**Data Request Date:** 05/03/2024  
**Due Date:** 05/08/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Situational Awareness and Forecasting	N/A	8.3.2.3 - SA-12 - Evaluate the use and effectiveness of real-time monitoring tools	N/A	N/A	Document	1. Please provide any documentation related to the internal discussions and joint-IOU discussion on November 9th and determination that no changes to current programs and processes are needed at this time.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR070.1

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Name: Tatiana Friesen  
WMP Category: Verification of QA/QC Programs

Email: tatianaf@c2group.us

Phone #: (858)231-1961

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Situational Awareness and Forecasting	N/A	8.3.2.3 - SA-12 - Evaluate the use and effectiveness of real-time monitoring tools	N/A	N/A	Document	Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR071

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Situational Awareness and Forecasting	N/A	8.3.6.3 - SA-05 - Evaluate FPI and IPW Modeling enhancements in 2023 - 2025	N/A	N/A	Document	1. Please provide the documentation that demonstrates evaluation of enhancements to the FPI and IPW Models and the subsequent approval from WRGSC. 2. Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR072

**Data Request Date:** 05/03/2024  
**Due Date:** 05/08/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Qualitative Goal/Target

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	N/A	8.2.6 - VM-09 - Constraint Resolution Procedural Guideline	N/A	N/A	Document	1. Please provide copies of the final evaluation report of a “right tree-right place” program, the updated Environmental Review Procedure, and any other documentation related to the standardized processes developed through the centralized constraints team for resolution of the three categories: (1) customer constraints; (2) environmental constraints; and (3) permitting constraints.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR072.1

**Data Request Date:** 05/06/2024  
**Due Date:** 05/09/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Medium = Task Driven Not Critical. Data responses can be received secondary.

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Name:** Tatiana Friesen  
**WMP Category:** Verification of QA/QC Programs

**Email:** tatianaf@c2group.us

**Phone #:** (858)231-1961

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Vegetation Management and Inspection	N/A	8.2.6 - VM-09 - Constraint Resolution Procedural Guideline	N/A	N/A	Document	Per the Data Request DRU13287 Response, provide the QA/QC Program documentation from the Embedded QA or QC and WMP PMO QA teams, which includes the processes for the review and verification relating to the initiative's completion.	Medium

# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR073

**Data Request Date:** 05/21/2024  
**Due Date:** 05/24/24

### Priority Definitions

High = Critical Path, Task Dependent. Need to receive this data response first before all others.

**Name:** Tatiana Friesen

**Email:** tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

**WMP Category:** Verification of Funding

**Phone #:** (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

**Company:** C2 Group

**Preferred Point of Contact:** Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Verification of Funding	N/A	All WMP Initiatives	N/A	N/A	Document	Please provide an itemized list of 2023 Actual CAPEX/OPEX costs and 2023 Projected CAPEX/OPEX costs in an Excel File (similar to Table 11 in the TN13912_20240416T164139_PGE_2023_Q4_Tables115_R2.xlsx file provided by PG&E in DRU13413) where costs are shown for each individual UtilityInitiativeTrackingID.	High



# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE



## DATA REQUEST

**Data Request Number:**  
PGE\_DR073.1

**Data Request Date:** 05/28/2024  
**Due Date:** 05/31/2024

### Priority Definitions

High = Critical Path, Task Dependent.  
Need to receive this data response first before all others.

Name: Tatiana Friesen

Email: tatianaf@c2group.us

Medium = Task Driven Not Critical. Data responses can be received secondary.

WMP Category: Verification of Funding

Phone #: (858)231-1961

Low = Not Task Driven, Not Critical, Informational Only. Data responses can be received without pressing demands.

Company: C2 Group

Preferred Point of Contact: Email

Program Target	Units	Sections	Target	Actual	Method	Data Request	Priority Level
Verification of Funding	N/A	All WMP Initiatives	N/A	N/A	Document & SME Interview	1. Requesting an SME interview to walk through the publicly available financial reports and others that PG&E provided in response to a prior data request. 2. After reviewing the publicly available financial reports, the 2025 WMP Update to PG&E's Base 2023-2025 Wildfire Mitigation Plan (WMP), and the file that PG&E provided in response to a prior data request, DR073, the IE requests a detailed file listing each WMP initiative listed in the 2023-2025 Wildfire Mitigation Plan R5 document dated April 2, 2024. The same detailed file has to include a breakdown of both Planned and Actual CAPEX expenditures	High

## FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

						separately from the Planned and Actual OPEX expenditures for each listed WMP initiative (and not limit the list to initiatives with a tracking ID only). In the same detailed file, IE requests that PG&E include a thorough explanation of the underspent amounts of each WMP initiative's actual expenditures that are calculated to be less than 100 percent of the planned expenditures.	
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# FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE

## Appendix D – SME Interview Summary

Item No.	2023 WMP Activities	Initiative Category	Initiative Name	[REDACTED]	Interview Date	Summary
1	NA	All Initiatives	Verification of Funding	[REDACTED]	05/01/24	Overview of funding verification with slide presentation covering Financial Assumptions and Structure; Cost Model Discussion; Major Elements of the Cost Model; Basic Expense Cost Flow; Order Relationship; Planning Order Fields & Standardized Reporting; and Overview of 2023 Spend High-Level Drivers
2	CO-02 Small Volume Quantifiable	Public Outreach and Education Awareness Program	8.5 – Community Outreach and Engagement Overview	[REDACTED]	05/08/24	Presentation of all 4 areas of community outreach initiatives for CO-01 - Regional Townhalls; CO-02 - Pre & Post Season Surveys; CO-04 - Outreach to HFRA Critical Infrastructure Customers; and CO-05 - Outreach Preparedness Campaign.
3	CO-01, CO-04, CO-05 - Qualitative Goal/Target	As above	As above	[REDACTED]	As above	As above
4	NA	All Initiatives	Verification of Funding	[REDACTED]	06/04/24	PG&E provided clarification and a walk-through of the detailed breakdown of both CAPEX and OPEX for planned and actuals by each initiative within the 2023 WMP as provided in DRU13683, along with descriptions of underspend.

**FINAL INDEPENDENT EVALUATOR ANNUAL REPORT ON COMPLIANCE**

**Appendix E – 2023 WMP Funding Verification Summary (\$ Thousands)**

Initiative Category	2023 Initiative Number	Initiative Name	2023 Exp. Planned	2023 Exp. Actual	2023 Exp. Variance	2023 Exp. % Variance (Under 100%)	2023 Cap. Planned	2023 Cap. Actual	2023 Cap. Variance	2023 Cap. % Variance (Under 100%)	2023 Total Planned	2023 Total Actual	2023 Total Variance
Risk Methodology and Assessment	6 - Other-Risk Methodology	Risk Methodology and Assessment					\$10,750	\$11,932	\$1,182	11%	\$10,750	\$11,932	\$1,182
Grid Design, Operations and Maintenance	8.1.9.1 - AI-01	Retention of Inspectors and Internal Workforce Development	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Grid Design, Operations and Maintenance	8.1.3.1.1 - AI-02	Detailed Inspection Transmission – Ground	\$17,354	\$15,425	-\$1,929	-11%					\$17,354	\$15,425	-\$1,929
Grid Design, Operations and Maintenance	8.1.3.2.7 - AI-03	Develop Distribution Aerial Inspections program	\$7,695	\$7,613	-\$82	-1%					\$7,695	\$7,613	-\$82
Grid Design, Operations and Maintenance	8.1.3.1.2 - AI-04	Detailed Inspection Transmission – Aerial	\$34,407	\$32,947	-\$1,460	-4%					\$34,407	\$32,947	-\$1,460
Grid Design, Operations and Maintenance	8.1.3.1.3 - AI-05	Detailed Inspection Transmission – Climbing	\$3,366	\$4,532	\$1,166	35%					\$3,366	\$4,532	\$1,166
Grid Design, Operations and Maintenance	8.1.3.1.4 - AI-06	Perform transmission infrared inspections	\$1,823	\$2,909	\$1,086	60%					\$1,823	\$2,909	\$1,086
Grid Design, Operations and Maintenance	8.1.3.2.1 - AI-07	Detailed Ground Inspections - Distribution	\$51,323	\$65,428	\$14,105	27%					\$51,323	\$65,428	\$14,105
Grid Design, Operations and Maintenance	8.1.3.3.1 - AI-08	Supplemental Inspections - Substation Distribution	\$2,826	\$1,084	-\$1,742	-62%					\$2,826	\$1,084	-\$1,742
Grid Design, Operations and Maintenance	8.1.3.3.1 - AI-09	Supplemental Inspections - Substation Transmission	\$2,633	\$1,778	-\$855	-32%					\$2,633	\$1,778	-\$855
Grid Design, Operations and Maintenance	8.1.3.3.1 - AI-10	Supplemental Inspections - Hydroelectric Substations and Powerhouses	\$1,182	\$745	-\$437	-37%					\$1,182	\$745	-\$437
Grid Design, Operations and Maintenance	8.1.5 - AI-11	Filling Asset Inventory Data Gaps	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Grid Design, Operations and Maintenance	8.1 - AI-Other	Asset Inspections	\$69,510	\$55,160	-\$14,350	-21%					\$69,510	\$55,160	-\$14,350

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Grid Design, Operations and Maintenance	8.1.2.1 - GH-01	System Hardening - Distribution					\$67,504	\$125,029	\$57,525	85%	\$67,504	\$125,029	\$57,525
Grid Design, Operations and Maintenance	8.1.2.1 - GH-02	Evaluate Covered Conductor Effectiveness	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Grid Design, Operations and Maintenance	8.1.2.1 - GH-03	Evaluate and Implement Covered Conductor Effectiveness Impact on Inspections and Maintenance Standards	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Grid Design, Operations and Maintenance	8.1.2.2 - GH-04	10K Undergrounding					\$1,175,308	\$1,141,004	-\$34,304	-3%	\$1,175,308	\$1,141,004	-\$34,304
Grid Design, Operations and Maintenance	8.1.2.5.1 - GH-05	System Hardening - Transmission					\$14,134	\$17,282	\$3,148	22%	\$14,134	\$17,282	\$3,148
Grid Design, Operations and Maintenance	8.1.2.5.1 - GH-06	System Hardening - Transmission Shunt Splices					\$5,000	\$2,673	-\$2,327	-47%	\$5,000	\$2,673	-\$2,327
Grid Design, Operations and Maintenance	8.1.2.8.1 - GH-07	Distribution Protective Devices					\$12,759	\$12,151	-\$608	-5%	\$12,759	\$12,151	-\$608
Grid Design, Operations and Maintenance	8.1.2.10.4 - GH-08	Surge Arrestor - Removals					\$3,797	\$5,190	\$1,393	37%	\$3,797	\$5,190	\$1,393
Grid Design, Operations and Maintenance	8.1.2.10.3 - GH-09	Distribution Line Motor Switch Operator (MSO) - Replacements					\$3,170	\$1,809	-\$1,361	-43%	\$3,170	\$1,809	-\$1,361
Grid Design, Operations and Maintenance	8.1.2.10.5 - GH-10	Non-Exempt Expulsion Fuse - Removal					\$27,962	\$18,258	-\$9,704	-35%	\$27,962	\$18,258	-\$9,704
Grid Design, Operations and Maintenance	8.1 - GH-Other	Fuse Savers					\$5,153	\$7,062	\$1,909	37%	\$5,153	\$7,062	\$1,909
Grid Design, Operations and Maintenance	8.1.6.1 - GM-01	Asset Inspections - Quality Assurance	\$4,573	\$4,847	\$274	6%					\$4,573	\$4,847	\$274
Grid Design, Operations and Maintenance	8.1.7.1 - GM-02	HFTD-HFRA Open Tag Reduction - Transmission	\$1,945	\$1,539	-\$406	-21%					\$1,945	\$1,539	-\$406
Grid Design, Operations and Maintenance	8.1.7.2 - GM-03	HFTD-HFRA Open Tag Reduction – Distribution Backlog	\$1,236	\$1,854	\$618	50%					\$1,236	\$1,854	\$618

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Grid Design, Operations and Maintenance	8.1.8.1 - GM-06	EPSS - Down Conductor Detection (DCD)						\$42,109	\$39,290	-\$2,819	-7%	\$42,109	\$39,290	-\$2,819
Grid Design, Operations and Maintenance	8.1.8.1.1 - GM-07	Updates on EPSS Reliability Study	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>								PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Grid Design, Operations and Maintenance	8.1.7.2 - GM-08	Eliminate HFTD/HFRA distribution backlog	Costs associated with achieving objective GM-08 are captured in target GM-03.	Costs associated with achieving objective GM-08 are captured in target GM-03.								Costs associated with achieving objective GM-08 are captured in target GM-03.	Costs associated with achieving objective GM-08 are captured in target GM-03.	
Grid Design, Operations and Maintenance	8.1.6.2 - GM-09	Asset Inspection – Quality Control	\$29,236	\$22,725	-\$6,511	-22%						\$29,236	\$22,725	-\$6,511
Grid Design, Operations and Maintenance	8.1.2.11 - N/A	Other grid topology improvements to mitigate or reduce PSPS events						\$1,456	\$0	-\$1,456	-100%	\$1,456	\$0	-\$1,456
Grid Design, Operations and Maintenance	8.1.2.12 - Other-GD-Animal Abatement (D-Sub)	Other technologies and systems not listed above	\$567	\$514	-\$53	-9%						\$567	\$514	-\$53
Grid Design, Operations and Maintenance	8.1.2.12 - Other-GD-Animal Abatement (PGEN)	Other technologies and systems not listed above	\$350	\$323	-\$27	-8%						\$350	\$323	-\$27
Grid Design, Operations and Maintenance	8.1.2.12 - Other-GD-Animal Abatement (T-Sub)	Other technologies and systems not listed above	\$107	\$63	-\$44	-41%						\$107	\$63	-\$44
Grid Design, Operations and Maintenance	8.1.2.3 - Other-GD-Dist pole replacements (GAD) (07)	Distribution pole replacements and reinforcements	\$5,809	\$7,609	\$1,800	31%	\$266,490	\$362,248	\$95,758	36%	\$272,299	\$369,857	\$97,558	
Grid Design, Operations and Maintenance	8.1.8.1 - Other-GD-EPSS (EO)	Equipment Settings to Reduce Wildfire Risk (EPSS) - rest of EPSS	\$133,429	\$81,207	-\$52,222	-39%						\$133,429	\$81,207	-\$52,222
Grid Design, Operations and Maintenance	8.1.4 - Other-GD-Inspections/Maint/Repair Dist (Maintenance)	Equipment inspections, maintenance, and repair	\$200,297	\$197,577	-\$2,720	-1%	\$949,901	\$1,041,086	\$91,185	10%	\$1,150,199	\$1,238,663	\$88,464	
Grid Design, Operations and Maintenance	8.1.2.9 - Other-GD-Line Removal	Line removals (in HFTD) Distribution						3,023	15,379	12,356	409%	3,023	15,379	12,356
Grid Design, Operations and Maintenance	8.1.2.9 - Other-GD-Line Removal	Line removals (in HFTD) Distribution						\$61,000	\$28,495	-\$32,505	-53%	\$61,000	\$28,495	-\$32,505

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Grid Design, Operations and Maintenance	8.1.2.7 - Other-GD-Microgrids	Microgrids	\$8,338	\$5,207	-\$3,131	-38%	\$6,060	\$4,801	-\$1,259	-21%	\$14,399	\$10,008	-\$4,391
Grid Design, Operations and Maintenance	8.1 - Other-GD-Transmission Pole/tower replacement	Transmission pole/tower replacements and reinforcements	\$91,280	\$104,530	\$13,250	15%	\$90,848	\$132,591	\$41,743	46%	\$182,128	\$237,121	\$54,993
Vegetation Management and Inspection	8.2.3.2 - Other-VM	Wood and slash management	\$80,400	\$49,028	-\$31,372	-39%					\$80,400	\$49,028	-\$31,372
Vegetation Management and Inspection	8.2.3.8 - Other-VM	Emergency response vegetation management	\$13,000	\$7,666	-\$5,334	-41%					\$13,000	\$7,666	-\$5,334
Vegetation Management and Inspection	8.2.2.1.1 - VM-01	LiDAR Data Collection - Transmission	\$10,163	\$8,575	-\$1,588	-16%					\$10,163	\$8,575	-\$1,588
Vegetation Management and Inspection	8.2.3.1 - VM-02	Pole Clearing Program	\$31,000	\$27,877	-\$3,123	-10%					\$31,000	\$27,877	-\$3,123
Vegetation Management and Inspection	8.2.2.2.4 - VM-04	Tree Removal Inventory (TRI)	\$123,997	\$75,503	-\$48,495	-39%					\$123,997	\$75,503	-\$48,495
Vegetation Management and Inspection	8.2.2.3.1 - VM-05	Defensible Space Inspections - Distribution Substation	\$2,522	\$539	-\$1,983	-79%					\$2,522	\$539	-\$1,983
Vegetation Management and Inspection	8.2.2.3.1 - VM-06	Defensible Space Inspections - Transmission Substation	\$408	\$959	\$551	135%					\$408	\$959	\$551
Vegetation Management and Inspection	8.2.2.3.1 - VM-07	Defensible Space Inspections - Hydroelectric Substations and Powerhouses	\$1,907	\$1,322	-\$585	-31%					\$1,907	\$1,322	-\$585
Vegetation Management and Inspection	8.2.6 - VM-09	Constraint Resolution Procedural Guideline	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Vegetation Management and Inspection	8.2.2.1.1 - VM-13	Routine Ground - Transmission	\$21,728	\$23,798	\$2,071	10%					\$21,728	\$23,798	\$2,071
Vegetation Management and Inspection	8.2.2.1.2 - VM-14	Transmission Second Patrol	\$3,552	\$4,210	\$658	19%					\$3,552	\$4,210	\$658
Vegetation Management and Inspection	8.2.2.1.3 - VM-15	Integrated Vegetation Management - Transmission	\$15,553	\$9,253	-\$6,300	-41%					\$15,553	\$9,253	-\$6,300

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Vegetation Management and Inspection	8.2.2.2.1 - VM-16	Distribution Routine Patrol	\$694,629	\$785,446	\$90,817	13%						\$694,629	\$785,446	\$90,817
Vegetation Management and Inspection	8.2.2.2.2 - VM-17	Distribution Second Patrol	\$100,617	\$125,148	\$24,531	24%						\$100,617	\$125,148	\$24,531
Vegetation Management and Inspection	8.2.4 - VM-19	One VM Application Record Keeping Enhancement (Routine, Second Patrol)	\$38,798	\$35,300	-\$3,498	-9%						\$38,798	\$35,300	-\$3,498
Vegetation Management and Inspection	8.2.4 - VM-20	Record Keeping Enhancement (VMOM, TRI)	Costs for VM-20 are captured in the development costs of the One VM application.	Costs for VM-20 are captured in the development costs of the One VM application.								Costs for VM-20 are captured in the development costs of the One VM application.	Costs for VM-20 are captured in the development costs of the One VM application.	
Vegetation Management and Inspection	8.2.2.2.5 - VM-21	FTI Record Keeping Enhancement	Costs for VM-21 are captured in the development costs of the One VM application.	Costs for VM-21 are captured in the development costs of the One VM application.								Costs for VM-21 are captured in the development costs of the One VM application.	Costs for VM-21 are captured in the development costs of the One VM application.	
Vegetation Management and Inspection	8.2.5.2 - VM-22	Vegetation Management - Quality Control	\$49,251	\$82,463	\$33,212	67%						\$49,251	\$82,463	\$33,212
Vegetation Management and Inspection	8.2.2.3 - VM-Other Veg Inspections-Substations (PGEN/Sub)	Vegetation Inspections - Substation	\$3,357	\$1,400	-\$1,957	-58%						\$3,357	\$1,400	-\$1,957
Situational Awareness and Forecasting	8.3.2.3 - N/A	Artificial Intelligence (AI) in Wildfire Cameras					\$3,286	\$3,956	\$670	20%		\$3,286	\$3,956	\$670
Situational Awareness and Forecasting	8.3.6 - Other-SA	Fire potential index	\$150	\$141	-\$9	-6%						\$150	\$141	-\$9
Situational Awareness and Forecasting	8.3 - Other-SA (Cameras) (Satellite) (AFM)	Ignition detection systems	\$15,324	\$18,475	\$3,151	21%						\$15,324	\$18,475	\$3,151
Situational Awareness and Forecasting	8.3.3 - Other-SA (REFCL) EPSS	Grid monitoring systems					\$308	\$72	-\$236	-77%		\$308	\$72	-\$236
Situational Awareness and Forecasting	8.3.2.3 - SA-01	Artificial Intelligence (AI) in Wildfire Cameras	\$3,127	\$2,197	-\$929	-30%						\$3,127	\$2,197	-\$929
Situational Awareness and Forecasting	8.3.3.1 - SA-02	Line Sensor - Installations	\$3,330	\$2,771	-\$558	-17%	\$6,090	\$3,008	-\$3,082	-51%		\$9,420	\$5,779	-\$3,640



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Situational Awareness and Forecasting	8.3.3.3 - SA-03	EFD and DFA Reporting	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Situational Awareness and Forecasting	8.3.6.3 - SA-04	FPI and IPW Modeling - Revision Evaluation	\$1,976	\$1,881	-\$95	-5%					\$1,976	\$1,881	-\$95
Situational Awareness and Forecasting	8.3.6.3 - SA-05	Evaluate FPI and IPW Modeling enhancements in 2023 - 2025	Budget and actuals for SA-05 are captured in the figures provided in SA-04.	Budget and actuals for SA-05 are captured in the figures provided in SA-04.							Budget and actuals for SA-05 are captured in the figures provided in SA-04.	Budget and actuals for SA-05 are captured in the figures provided in SA-04.	
Situational Awareness and Forecasting	8.3.6.3 - SA-06	Evaluate FPI and IPW Modeling enhancements in 2026 - 2032	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Situational Awareness and Forecasting	8.3.2.3 - SA-07	Monitor and evaluate the Cameras AI system's performance	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Situational Awareness and Forecasting	8.3.2.3 - SA-08	Evaluate the Cameras AI system functionalities and technologies	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Situational Awareness and Forecasting	8.3.3.3 - SA-09	EFD and DFA Reporting	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Situational Awareness and Forecasting	8.3.3.3 - SA-10	Distribution Fault Anticipation (DFA) Installations					\$1,000	\$180	-\$820	-82%	\$1,000	\$180	-\$820
Situational Awareness and Forecasting	8.3.3.3 - SA-11	Early Fault Detection (EFD) Installations					\$1,000	\$644	-\$356	-36%	\$1,000	\$644	-\$356
Situational Awareness and Forecasting	8.3.2.3 - SA-12	Evaluate the use and effectiveness of real-time monitoring tools	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Emergency Preparedness	8.4.2.3.1 - EP-01	Complete PSPS and Wildfire Tabletop and Functional Exercises	\$8,700	\$7,493	-\$1,207	-14%					\$8,700	\$7,493	-\$1,207
Emergency Preparedness	8.4.3.1 - EP-02	Maintain All Hazards planning and preparedness program	\$4,119	\$10,851	\$6,732	163%					\$4,119	\$10,851	\$6,732
Emergency Preparedness	8.4.3.1 - EP-04	Expand All Hazards planning to include additional threats and scenarios	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Emergency Preparedness	8.4.3.1 - EP-06	Annually review of the Company Emergency Response Plan (CERP) and Wildfire and PSPS Annex	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	

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Emergency Preparedness	8.4.3.1 - EP-07	Common Operating Picture Technology	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>								PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Emergency Preparedness	8.4.3.1 - EP-08	Threats and Hazards Identification and Risk Assessment (THIRA) updates	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>								PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Emergency Preparedness	8.4.3.1 - EP-09	County Execute Briefings	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>								PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Emergency Preparedness	8.4.3 - Other-EP&R	External collaboration and coordination	\$137	\$481	\$344	251%						\$137	\$481	\$344
Emergency Preparedness	8.4.3.1 - Other-EP&R	External collaboration and coordination	\$16,907	\$16,544	-\$362	-2%						\$16,907	\$16,544	-\$362
Emergency Preparedness	8.4.4 - Other-EP&R	Emergency Planning	\$8,109	\$10,099	\$1,989	25%						\$8,109	\$10,099	\$1,989
Emergency Preparedness	8.4.6 - Other-EP&R	Customer support in wildfire and PSPS emergencies	\$14,780	\$14,619	-\$161	-1%	\$187	\$5	-\$183	-97%		\$14,968	\$14,624	-\$343
Community Outreach and Engagement	8.5.2 - CO-01	Community Engagement - Meetings	\$14,932	\$11,327	-\$3,605	-24%						\$14,932	\$11,327	-\$3,605
Community Outreach and Engagement	8.5.2 - CO-02	Community Engagement - Surveys	\$11,835	\$11,581	-\$254	-2%						\$11,835	\$11,581	-\$254
Community Outreach and Engagement	8.5.2 - CO-04	Community Engagement - Outreach to HFRA Infrastructure Customers	\$23,347	\$18,714	-\$4,633	-20%	\$4,062	\$5,464	\$1,401	34%		\$27,409	\$24,178	-\$3,231
Community Outreach and Engagement	8.5.2 - CO-05	Community Engagement - Outage Preparedness Campaign	\$3,496	\$3,405	-\$91	-3%						\$3,496	\$3,405	-\$91
Public Safety Power Shutoff	9.2.1 - PS-01	Evaluate enhancements for the PSPS Transmission guidance	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>								PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Public Safety Power Shutoff	9.2.1 - PS-02	Evaluate incorporation of approved IPW enhancements into the PSPS Distribution guidance	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>								PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Public Safety Power Shutoff	9.1.2 - PS-05	Evaluate the transition of the Portable Battery Program to permanent battery solutions	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>								PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Public Safety Power Shutoff	8.5.3 - PS-06	Provide 12,000 cumulative new or replacement portable batteries to PG&E customers at risk of PSPS or EPSS, focusing on but not limited to AFN, MBL, and self-identified vulnerable populations	\$93,112	\$69,141	-\$23,971	-26%	\$3,963	\$1,478	-\$2,485	-63%		\$97,075	\$70,619	-\$26,456

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Public Safety Power Shutoff	9.1.5 - PS-07	Reduce PSPS impacts by ~55k customer events (3.4%) for 2023-2025 period by completing planned Wildfire mitigation projects including but not limited to MSO switch replacements and undergrounding	Costs associated with achieving PS-07 are captured in GH-01: System Hardening - Distribution and GH-04: 10K Undergrounding targets.	Costs associated with achieving PS-07 are captured in GH-01: System Hardening - Distribution and GH-04: 10K Undergrounding targets.							Costs associated with achieving PS-07 are captured in GH-01: System Hardening - Distribution and GH-04: 10K Undergrounding targets.	Costs associated with achieving PS-07 are captured in GH-01: System Hardening - Distribution and GH-04: 10K Undergrounding targets.	
Public Safety Power Shutoff	9.1.2 - PS-08	Evaluate emerging technologies to reduce PSPS customer impact	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Public Safety Power Shutoff	9.1.2 - PS-09	Reduce PSPS impacts via Undergrounding	Costs associated with achieving PS-07 are captured in GH-01: System Hardening - Distribution and GH-04: 10K Undergrounding targets.	Costs associated with achieving PS-07 are captured in GH-01: System Hardening - Distribution and GH-04: 10K Undergrounding targets.							Costs associated with achieving PS-07 are captured in GH-01: System Hardening - Distribution and GH-04: 10K Undergrounding targets.	Costs associated with achieving PS-07 are captured in GH-01: System Hardening - Distribution and GH-04: 10K Undergrounding targets.	
Public Safety Power Shutoff	9.1.2 - PS-10	Continue sharing PSPS lessons learned	PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>							PCC Costs <sup>1</sup>	PCC Costs <sup>1</sup>	
Public Safety Power Shutoff	9.1.2 - PS-11	Pilot using drones for PSPS restoration	\$0	\$0	\$0						\$0	\$0	\$0
Other	10 - Other - CWSP PMO	Other - Wildfire	\$115,626	\$114,901	-\$724	-1%					\$115,626	\$114,901	-\$724
Other	10 - Other - Misc.	IT WPM Wildfire Tech					\$109,538	\$55,425	-\$54,113	-49%	\$109,538	\$55,425	-\$54,113

<sup>1</sup>Per DRU13657: "Please note that some targets and objectives have expenditures that are limited to Provider Cost Centers (PCCs), which are the costs associated with the departments or groups that provide services to the greater company. The cost of these services is allocated across multiple workstreams and are not directly charged to specific projects that can be aligned to a specific WMP initiative. For example, an engineering team may be responsible for evaluating and composing reports on different technologies for potential use across the company. One of the technologies they evaluate may contribute to an objective set forth in the WMP; however, the time that team spends on that specific evaluation, as opposed to all the other evaluations they conduct, is not tracked in a fashion that allows for an accurate accounting of expenditures aligned to this report.