

February 1, 2023

OFFICE OF ENERGY INFRASTRUCTURE SAFETY OF THE CALIFORNIA NATURAL RESOURCES AGENCY

Subject: Pacific Gas and Electric Company's Quarterly Notification Regarding the Implementation of Its Approved Wildfire Mitigation Plan and Its Safety Recommendations; Submitted Pursuant to Public Utilities Code Section 8389(e)(7), the Office of Energy Infrastructure Safety's Compliance Operational Protocols, and Assembly Bill 1054

Pacific Gas and Electric Company (PG&E) respectfully submits this Quarterly Notification detailing: (1) the status of its 2022 Wildfire Mitigation Plan (WMP); (2) recommendations of the most recent safety culture assessment; (3) recommendations of the Board of Directors' safety committee meetings that occurred during the quarter; and (4) a summary of the implementation of any safety committee recommendations from the previous quarterly submittal. This Quarterly Notification is provided pursuant to California Public Utilities Code (PUC) Section 8389(e)(7) and the Office of Energy Infrastructure Safety's (Energy Safety) *Compliance Operational Protocols*, issued on February 16, 2021 (Compliance Operational Protocols) and subsequently clarified on September 8, 2021 by Energy Safety.¹

Background

On July 12, 2019, Governor Gavin Newsom signed Assembly Bill (AB) 1054 into law adding Section 8389(e)(7) to the PUC. As one of the conditions for the issuance of a safety certification, Section 8389(e)(7) — as amended by AB 148 — requires documentation of the following:

The electrical corporation is implementing its approved wildfire mitigation plan. The electrical corporation shall file a notification of implementation of its wildfire mitigation plan with the office and an information-only submittal with the commission on a quarterly basis that details the implementation of both its approved wildfire mitigation plan and recommendations of the most recent safety culture assessments by the commission and office, and a statement of the recommendations of the board of directors safety committee meetings that occurred during the quarter. The notification and information-only submittal shall also summarize the implementation of the

¹ Energy Safety issued "Submission of Safety Certification Request and Supporting Documents" on September 8, 2021, which, among other items, clarified Assembly Bill 148, effective as of July 22, 2021, updated PUC Section 8389(e)(7) to reporting requirements, notably that the Quarterly Advice Letter (QAL) would change in format, but not content, to the Quarterly Notification.

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safety committee recommendations from the electrical corporation's previous notification and submission. If the office has reason to doubt the veracity of the statements contained in the notification or information-only submittal, it shall perform an audit of the issue of concern. The electrical corporation shall provide a copy of the information-only submittal to the office.

On February 16, 2021, Energy Safety issued Compliance Operational Protocols which, in addition to the existing requirements established by Section 8389(e)(7), provide further guidance and requirements for electrical corporations' quarterly submissions. Specifically, the Compliance Operational Protocols standardize the quarterly submission dates across electrical corporations, describe the information and materials to be included in the Quarterly Notifications.

On December 14, 2022, Energy Safety issued new Data Guidelines with the 2023-2025 WMP Technical Guidelines. The Data Guidelines require the submission of Quarterly Data Reports (QDR), concurrent with the Quarterly Notification, and detailed initiative progress in Table 1 of the QDR.

This Quarterly Notification submission provides the requested information for the fourth quarter (Q4) of 2022, pursuant to the statutory requirements and the Compliance Operational Protocols.²

Q4 2022 Update

WMP Regulatory Background and Scope of Quarterly Notification:

PG&E submitted its 2022 WMP on February 25, 2022.³ In our initial 2022 WMP filing, we described approximately 120 initiatives and provided 51 initiative targets for 2022 in Tables PG&E-5.3-1(A) and PG&E-5.3-1(B).⁴ These initiative targets represented areas that "we believe will have the most significant impact on wildfire risk reduction."⁵

As part of our responses to Energy Safety's June 6, 2022 Revision Notice to our WMP, we developed three additional initiative targets, increasing the total number of initiative targets to 54. In addition, as part of our responses to the Revision Notice, we submitted responses to 13 critical issues identified by Energy Safety in our initial 2022 WMP submission. These responses and revisions to our WMP were then included in a Revised 2022 WMP, which was submitted to Energy Safety on July 25, 2022 and approved by Energy Safety on November 10, 2022.

² Section 8389(e)(7) provides that an electrical corporation shall report on implementation of its approved wildfire mitigation plan.

³ PG&E's 2022 WMP is available at: www.pge.com/wildfiremitigationplan.

⁴ Revised 2022 WMP at pp. 278-308, 313.

⁵ Revised 2022 WMP at p. 274.

Our Q4 2022 QDR, which is being submitted concurrently with this Quarterly Notification, provides progress updates for these 54 initiative targets in Table 1.

2022 WMP Initiative Target Summary:

A table of all 54 initiative targets, including the current status, is provided in Appendix 1. A summary of the status of these initiative targets, broken down by 2022 WMP area, is provided in Table 1 below. The Compliance Operational Protocols indicate that five pre-designated status categories should be used for each initiative target.⁶

Table 1: Summary of 2022 WMP Initiative Targets

2022 WMP Area	Completed	In Progress	Planned	Delayed	Cancelled	Total
A. Risk Assessment and Mapping	5					5
B. Situational Awareness and Forecasting	6					6
C. Grid Design and System Hardening	15					15
D. Asset Management and Inspections	10			1		11
E. Vegetation Management and Inspections	9			1		10
F. Grid Operations and Protocols	4					4
G. Data Governance	1					1
H. Resource Allocation Methodology	1					1
J. Stakeholder Cooperation & Community Engagement	1					1
Total	52			2		54

⁶ Compliance Operational Protocols at p. 9 (indicating status should be: completed, in progress, planned, delayed, or cancelled).

Details of the Two Delayed Initiative Targets:

In this section, we provide information regarding the two initiative targets that have been designated “Delayed” as of the end of Q4. In Tables PG&E-5.3-1(A) and PG&E-5.3-1(B) of the WMP, we provided a Unique ID for each initiative target.⁷ Below, we have included the Unique ID, the name of the activity, a brief description of the activity, and the status.

E.05 Vegetation Management – Quality Assurance / Quality Verification: This initiative involves the completion of a defined number of Quality Assurance audits and Quality Verification reviews with an Acceptable Quality Level (AQL) of 95% for each audit or review. The number of audits and reviews targeted to be completed by year end were met, however, one QA AQL and three QV AQLs were below 95%:

- QAVM Procedure Audit –76.0% AQL;
- QVVM Distribution –91.3% AQL;
- QVVM Pole Clearing –90.3% AQL;
- QVVM Transmission –94.2% AQL.

For context, the scope of this target was expanded as a result of new requirements in the 2022 Revision Notice. Specifically, AQL target minimums of 95% for each quality audit and verification type were added mid-way through 2022.

In Table 1 of the Q4 QDR, we provide a summary of our Corrective Action Plan for the QA/QV audits or reviews with AQLs lower than 95%.

D.10 HFTD/HFRA Open Tag Reduction - Distribution: This initiative target involves the closure of a minimum of 55,000 distribution maintenance tags, barring external factors, for facilities located in High Fire Threat Districts (HFTD) and High Fire Risk Areas (HFRA) that were in PG&E's workplan as of June 30, 2022. Please note that our 2022 tag population includes both ignition and non-ignition risk tags in alignment with our quarterly and annual WMP target language. Initiative Target D.10 was created as a result of the 2022 Revision Notice. PG&E understood that the target was specific to closing E maintenance tags, given that these tags constituted the largest percentage of risk in our distribution tag backlog.

In Table 1 of the Q4 QDR, we provide a summary of our Corrective Action Plan for the reduction of open distribution tags.

⁷ See Revised 2022 WMP at pp. 278-308, 313.

Implementation of PG&E's Latest Safety Culture Assessment

PG&E's 2021 Safety Culture Assessment was issued by Energy Safety on October 6, 2021. The Safety Culture Assessment evaluated the personal and wildfire safety culture at PG&E through the use of a workforce survey, management self-assessments, and interviews. The Safety Culture Assessment provided the following six recommendations for PG&E to act upon:

1. Build leadership skills and ensure frontline supervisors are demonstrating those skills regularly in the field to improve the work environment for wildfire and personal safety.
2. Establish a governance structure to ensure effective implementation and tracking of the 2025 Workforce Safety Strategy.
3. Execute the strategy with active leadership by senior executives to ensure implementation.
4. Leverage the new safety management system to improve the flow of information up, down, and across the organization and provide a single mechanism for reporting and tracking wildfire concerns.
5. Increase engagement on the safety culture assessment within the workforce supporting wildfire mitigation initiatives.
6. Recognize and take action to mitigate the safety concerns posed by interactions with certain discontented members of the public.

On October 22, 2021, PG&E formally notified Energy Safety that it agreed to implement all the findings and recommendations identified in the Safety Culture Assessment.

During Q4, some of the actions PG&E completed to advance the implementation of the recommendations from the 2021 Energy Safety Culture Assessment include:

- Pursuant to recommendation #1, hosted seven Regional townhalls for our frontline leaders. This included a focus on Keys to Life and supervisor development through the Leadership Development program.
- Pursuant to recommendation #2, reviewed our Tactical Implementation Plans (TIP), which outline the plan to execute each key strategy, on a weekly and monthly basis through our Lean operating system. Any gaps and at risk/off track actions for the TIPs are discussed during these Lean operating reviews along with the plan to recover, where applicable.
- Pursuant to recommendation #3, Senior Officers participate in the weekly safety operating review where the TIPs for the Safety Strategy are reviewed. The Serious Incident and Fatality and Preventable Motor Vehicle Incident TIPs are also reviewed with the Senior Officer team at the Monthly Operating Review. Additionally, Safety Strategy plans are shared with the Safety and Nuclear Oversight Committee as part of the materials for every Committee meeting.

- Pursuant to recommendation #4, the Lean operating system through the daily, weekly, monthly cadence provides the mechanism to share and cascade safety – inclusive of wildfire safety related issues and best practices. Additionally, coworkers report concerns, including wildfire concerns, to our Corrective Action Program (CAP).
- Pursuant to recommendation #5, targeted communications from Senior Leadership, use of the Lean system daily, weekly and monthly operating reviews, and company-wide announcements in the Daily Digest were leveraged to encourage increased participation in the annual Wildfire Safety Culture Assessment survey. The preliminary response rate for this survey showed a 75% increase in response rate for coworkers.
- Pursuant to recommendation #6, actions to address public safety concerns with discontented members of the public included:
 - o Development of an Incident Management Team in Oakland to establish best practices for coworker personal safety. These best practices have been consolidated into a playbook and are being expanded to additional areas that have shown elevated third-party threat levels.
 - o We are also working on the following mitigations:
 - i. Increase personal security support with day and night coverage, including a phone line to request personal security support – this includes private security and off-duty police officers
 - ii. Piloting enhanced Personal Protective Equipment which includes a “Ballistic Vests” pilot across territory
 - iii. Streamlining reporting and broadening the communications for incidents where a coworker is threatened to ensure all potentially impacted coworkers have the information.

Additionally, included as Attachment A, we are providing the Safety Culture and Governance quarterly report detailing our progress towards implementing the recommendations by NorthStar Consulting Group from their assessment of our safety culture for the California Public Utilities Commission (Commission) in the May 8, 2017 NorthStar Report and the 2019 First Update.

We remain dedicated to continually improving our safety culture and will continue to provide further information on our progress each quarter.

Board of Directors’ Safety and Nuclear Oversight Committee – Q4 2022 Update

The PG&E Board of Directors’ Safety and Nuclear Oversight (SNO) Committee is an important part of our Board-level oversight of safety, enterprise risk, and other matters. A SNO Committee also concurrently exists at the PG&E Corporation Board (together referred to as the SNO Committees).

This section describes the oversight activities of the SNO Committees and is organized as follows:

- 1) Safety Topics Covered in SNO Committees' Meetings; and
- 2) Recommendations of the SNO Committees and Management Implementation.

Safety Topics Covered in SNO Committee Meetings

During the fourth quarter of 2022, the SNO Committees held a meeting on October 25 and December 15, and a concurrent SNO/Audit Committees meeting on October 25.

- In October 2022, the SNO Committees received updates on safety performance, the Enhanced Vegetation Management program, and the Wildfire Mitigation Plan. Additionally, the Committees received a detailed review on the risks to electric distribution asset management.
- In October 2022, the SNO Committees and Audit Committees jointly reviewed the third quarter Internal Audit report, as related to safety, and received operational performance updates.
- In December 2022, the SNO Committees received an update on the Contractor Safety program and reviewed safety performance, including nuclear safety and an update from the Nuclear Safety Oversight Committee. The Committees also reviewed the 2022 Wildfire Mitigation Plan. The fourth quarter risk review was focused on third-party incidents. Lastly, the Committees received an update on dam safety and individual safety and asset protection.

Recommendations of Boards of Directors' Safety Committee Meetings During Q4 2022

There is an ongoing dialogue between the Chair of the SNO Committees (which includes feedback of the Committees members) and management, with frequent engagement around the implementation of the workforce safety strategy, safety performance updates, and corrective actions in the normal course of business. In addition, the SNO Committees made the following specific, safety-related recommendations to management during the fourth quarter of 2022:

- To revisit the topic of dam safety and include characteristics of dams owned by other parties that have recently failed and perform analysis around the sensitivity of PG&E's dams to extreme weather;
- To improve the planning of WMP work and enable effective and efficient execution; and,
- To improve and clarify the expectations on safe work practices for contractors.

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Management Implementation of Recommendations Described in Q3 2022 Quarterly Notification

The following summarizes actions that management has taken to implement guidance and direction from the SNO Committees that was described in our Quarterly Notification for the third quarter of 2022.

- Recommendation # 1: To benchmark against other large transmission operators on how to best address induction risk.

Management's response: PG&E benchmarked induction risk with peer utilities in California and also engaged a 3rd party to review against industry best practices, the results of which are forthcoming.

Recommendation # 2: Revisiting/strengthening our best safety coaching practices.

Management's response: Plan under development to perform benchmarking for best practices and training for our safety specialists with regard to coaching.

Conclusion

We appreciate the opportunity to provide updates to Energy Safety, the Commission, and all stakeholders on our progress implementing our 2022 WMP, progress implementing our latest Safety Culture Assessment, and the recommendations and progress on implementing the SNO Committees' recommendations from the previous quarter. If there are any questions, please contact Wade Greenacre at Wade.Greenacre@pge.com.

Sincerely

/S/

Meredith Allen
Vice President, Regulatory Affairs

Appendix 1 - 2022 WMP Initiative Targets
Attachment A - Safety and Culture Governance Quarterly Report

cc: Service Lists I.19-09-016 and I.15-08-019

APPENDIX 1: 2022 WMP Initiative Targets

Plan Area	2022 WMP Targets ⁸			
A. Risk Assessment and Mapping	A.01 - Distribution Modeling Enhancements - Equipment Failure and Contact From Object	A.02 - Transmission Modeling Enhancements - Threat and Hazard Risk Drivers	A.03 - PSPS Consequence Model	A.04 - Wildfire Consequence Model Enhancements - Ingress/Egress
	A.05 - Wildfire Consequence Model Enhancements - Resistance to Control			
B. Situational Awareness and Forecasting	B.01 - FPI and OPW Modeling - Revision Evaluation	B.02 - Weather Stations - Installations and Optimizations	B.03 - High-Definition Cameras - Installation	B.04 - Distribution Fault Anticipation (DFA) - Installations
	B.05 - Early Fault Detection (EFD) - Installations	B.06 - Line Sensor - Installations		
C. Grid Design and System Hardening	C.01 - Expulsion Fuse - Removal	C.02 - Distribution Sectionalizing Devices - Install and SCADA commission	C.03 - Transmission Line Sectionalizing - Install and SCADA commission	C.04 - Distribution Line Motorized Switch Operator (MSO) - Replacements
	C.05 - SCADA Recloser Equipment - Installations	C.06 - Fuse Savers (Single Phase Reclosers) - Installations	C.07 - Temporary Distribution Microgrids	C.08 - Rincon Transformer Fuse - Replacement
	C.09 -Emergency Back-up Generation -- Equip PG&E Service & Materials Distribution Centers	C.10 - 10k Undergrounding	C.11 - System Hardening - Distribution	C.12 - System Hardening - Transmission
	C.13 - Surge Arrestors Removal	C.14 - Remote Grid - Operate New SPS Units	C.15 Butte County Rebuild - Undergrounding	
D. Asset Management and Inspections	D.01 - Detailed Inspections - Distribution HFTD Inspections (poles)	D.02 - Detailed Inspection Transmission – Ground	D.03 - Detailed Inspection Transmission – Climbing structures)	D.04 - Detailed Inspection Transmission – Aerial
	D.05 - Infrared Inspections - Distribution HFTD	D.06 - Supplemental Inspections - Substation Distribution HFTD	D.07 - Supplemental Inspections - Substation Transmission	D.08 - Supplemental Inspections - Hydroelectric Substations and Powerhouses

⁸ Compliance Operational Protocols at p. 9 (indicating status should be: completed, in progress, planned, delayed, or cancelled).

Plan Area	2022 WMP Targets – Continued			
	D.09 - Asset Inspections - Quality Assurance	D.10 HFTD/HFRA Open Tag Reduction – Distribution	D.11 HFTD/HFRA Open Tag Reduction - Transmission	
E. Vegetation Management and Inspections	E.01 - Enhanced Vegetation Management	E.02 - Pole Clearing Program	E.03 - LiDAR Ground Inspections – Distribution	E.04 - LiDAR Routine Inspections - Transmission
	E.05 - Vegetation Management - Quality Assurance	E.06 - Defensible Space Inspections - Distribution Substation	E.07 - Defensible Space Inspections - Transmission Substation	E.08 - Defensible Space Inspections - Hydroelectric Substations and Powerhouses
	E.09 - Utility Defensible Space - Distribution	E.10 Pole Clearing in State Responsibility Areas (SRA)		
F. Grid Operations and Protocol	F.01 - EPSS - Settings Design and Test	F.02 - EPSS - Install Settings on Distribution Line devices	F.03 - EPSS - Develop Enablement Standards and Procedures	F.04 - EPSS - Reliability Improvements
G. Data Governance	G.01 - Data Governance - Identify and Centralize High Priority Data			
H. Resource Allocation Methodology	H.01 - Risk Spend Efficiency - Develop and Share Governance Process			
J. Stakeholder Cooperation and Community Engagement	J.01 - Community Engagement - Meetings			

Attachment A

PACIFIC GAS AND ELECTRIC COMPANY
SAFETY CULTURE AND GOVERNANCE QUARTERLY REPORT
NO. 17-2022
IN COMPLIANCE WITH CPUC DECISION 18-11-050
SUBMITTED JANUARY 31, 2023



PACIFIC GAS AND ELECTRIC COMPANY
SAFETY CULTURE AND GOVERNANCE QUARTERLY REPORT
NO. 17-2022
IN COMPLIANCE WITH CPUC DECISION 18-11-050
SUBMITTED JANUARY 31, 2023

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**PACIFIC GAS AND ELECTRIC COMPANY
SAFETY CULTURE AND GOVERNANCE QUARTERLY REPORT
NO. 17-2022
IN COMPLIANCE WITH CPUC DECISION 18-11-050**

I. Introduction

Pacific Gas and Electric Company (PG&E or the Company or the Utility) submits this seventeenth Safety Culture and Governance Quarterly Report (Report) in compliance with California Public Utilities Commission (CPUC or Commission) Decision (D.) 18-11-050.

This Report provides an update on PG&E's ongoing execution and sustainability of NorthStar's recommendations for the fourth quarter of calendar year 2022. Additionally, this Report discusses the Board of Directors (BOD) safety training, education, and support for this same time-period, and the 5-Year Safety Strategy and associated safety performance metrics.

Everyone and Everything is Always Safe

PG&E's safety stand is "Everyone and Everything Is Always Safe." This includes our coworker and contractor workforce, as well as the public. We remain committed to building an organization where every work activity is designed to facilitate safe working conditions and every member of our workforce is encouraged to speak up if they see an unsafe or at-risk condition with the confidence that their concerns and ideas will be heard and addressed. We strive to be the safest, most reliable gas and electric company in the United States.

Leadership Changes

In December, the following senior leadership additions were announced:

- Matt Hayes, as the new Vice President, Enterprise Health and Safety. Matt assumed his new role as of January 1, 2023. Matt was previously the Senior Director of Organizational Effectiveness and Training at Diablo Canyon Power Plant (DCPP). Matt reports to Sumeet Singh Executive Vice President (EVP), Chief Risk and Safety Officer. In this role, Matt is responsible for Occupational Health and Safety (OH&S), Contractor Safety, PG&E Safety Excellence Management System (PSEMS), Transportation Safety, Enterprise Safety Programs including Safety Observations and Enterprise Corrective Action Program (ECAP).
- Russ Prentice, as the new Vice President, Wildfire and Enterprise Risk Management. Russ assumed his new role as of January 1, 2023. Russ was previously the Director of Risk and Compliance at DCPP. Russ reports to Sumeet Singh EVP, Chief Risk and Safety Officer. In this role, Russ will be responsible for Wildfire Risk Management, Risk Validation, and Enterprise and Operational Risk Management.

With the leadership additions announced above, Sumeet Singh's direct reporting team will include the following: all 5 Regional Safety Directors, Vice President (VP) of Safety, VP of Risk and Director of Business Operations. With these changes, PG&E has reached the strategic organizational vision set forth

with the announcement of Sumeet Singh as the EVP, Chief Risk and Safety Officer.

Business Highlights

The Utility's True North Strategy was defined in 2022 and is focused on delivering safety outcomes. The safety component of this strategy is captured by the scope of the PSEMS and includes workforce (coworker and contractor), public and process safety. In 2023, in addition to deploying PSEMS, the Utility will focus on strategic programs to address the highest risk which include: Keys to Life, Serious Injury and Fatality (SIF) Investigation, Contractor Safety, Transportation Safety, Fatigue Management, Ergonomics, Public Safety, Organizational Culture and Safety Mindset, Personal Safety and ECAP. Future 2023 reports will include safety strategy updates based upon these categories.

The Utility's safety metrics include the number of incidents which are those resulting in a fatality, life threatening or life altering injury (SIF-A). The Utility also tracks the rate of incidents that had the potential to result in a serious injury (SIF-P) per 200,000 hours worked. In 2022, the Utility had 7 SIF-A injuries, which resulted in three fatalities and four serious injuries. The 2022 SIF-P rate was 0.11, which is the same as the SIF-P rate in 2021. The 2022 SIF-P rate includes 15 employee SIF-P incidents and 48 contractor SIF-P incidents for a total of 63.

Additionally, the Utility measures Days Away, Restricted, or Transferred (DART) and Preventable Motor Vehicle Incidents (PMVI). For 2022, the Utility's DART rate was 0.67, which was 34 percent lower than in 2021 and its lowest rate in the past five years. The Utility's 2022 PMVI rate was 2.47, which was 12 percent lower than in 2021 and its lowest rate in the past five years.

II. Q4 SIF Actual Review

On December 8, 2022, a contract coworker walking in the Henkel's & McCoy (H&M) Hayward soil storage yard, was fatally injured when they entered the work area of an in-motion backhoe and was struck. Immediate actions included: safety stand down for H&M, safety stand down for all Gas Operations and Gas Contractors morning of December 9, investigation initiation led by H&M and supported by California Division of Occupational Safety and Health, PG&E and a SIF analysis team was formed. Containment actions include: during mobile equipment operations a spotter SHALL be used when conditions call for it, the spotter must be out of the equipment's strike zone (Line of Fire), equipment bucket or forks must remain 6 to 10 inches from the ground when equipment is traveling, no cell phone or ear bud use.

III. Conclusion

Consistent with PG&E's previous quarterly Reports, the report includes an update on the 5-Year Safety Strategy progress, including fourth quarter 2022 safety performance. PG&E also certifies the ongoing execution of NorthStar's recommendations and provides comments on recommendations.

Attachment 1 to this Report includes approved BOD and Safety and Nuclear Oversight (SNO) Committee meeting minutes.

PG&E recognizes and remains committed to improving safety culture and safety performance. Our focus is on building an accountable, transparent organization that embraces raising issues and ideas, and acts upon resolving them. PG&E is moving quickly to sustain the progress we have made with the Company's revamped safety strategy and to continue identifying gaps and improvement opportunities to eliminate SIF incidents.

APPENDIX

IV. Sustainability Update

A. Ongoing Execution and Sustainability

PG&E continues to execute on NorthStar's recommendations and has verified the sustainability of its Safety Order Instituting Investigation (OII) plans for the period of October 1, 2022, through December 31, 2022.

Compliance certifications for the fourth quarter of 2022 are shown in Table 1 below, and the status of the additional NorthStar recommendations is provided in Table 2.

**TABLE 1
MATRIX OF SUSTAINABILITY PLANS**

Line No.	PG&E Implementation Plan	Certification Due Date	Certification Status ^(a)	Approver	Initial Implementation
1	Safety Culture and Governance OII – F-2_Supv in the Field includes V-4	12/31/2022	Certified	Jan Nimick	Report No. 04-2019
2	Safety Culture and Governance OII – F-3_SLD includes VIII-1	12/31/2022	Certified		Report No. 03-2019 Report No. 03-2019
3	Safety Culture and Governance OII – F-4 _Comprehensive Safety Strategy includes III-2 III-3 V-3	12/31/2022	Certified	Sumeet Singh	Report No. 01-2018
4	Safety Culture and Governance OII – F-5 _Best Practice Coordination includes IV-5 IV-6 IV-7 V-1 V-2 V-5	12/31/2022	Certified		Report No. 01-2018
5	Safety Culture and Governance OII – III-1 _Board Qualifications	12/31/2022	Certified	Brian Wong	Report No. 01-2018
6	Safety Culture and Governance OII – IV-2 _CSO Org position	12/31/2022	Certified	Brian Wong	Report No. 01-2018
7	Safety Culture and Governance OII – F-1_OII Implementation Plan	12/31/2022	Certified	Sumeet Singh	Report No. 01-2018
8	Safety Culture and Governance OII – IX-1_Safety Communication	12/31/2022	Certified		Report No. 01-2018
9	Safety Culture and Governance OII – IX-2_Safety Culture Metrics	12/31/2022	Certified		Report No. 01-2018
10	Safety Culture and Governance OII – IX-3_Reach Every Employee	12/31/2022	Certified		Report No. 01-2018
11	Safety Culture and Governance OII – III-5_IA Safety Role	12/31/2022	Certified	Stephen Cairns	Report No. 01-2018
12	Safety Culture and Governance OII – IV-3 _Safety Dept Roles and Responsibilities includes IV-4	12/31/2022	Certified	Sumeet Singh	Report No. 01-2018
13	Safety Culture and Governance OII – IV-1 _CSO Experience	12/31/2022	Certified	Sumeet Singh	Report No. 01-2018

**TABLE 1
MATRIX OF SUSTAINABILITY PLANS
(CONTINUED)**

Line No.	PG&E Implementation Plan	Certification Due Date	Certification Status ^(a)	Approver	Initial Implementation
14	Safety Culture and Governance OII – VI-1 _Separate Safety Expenditures-RAMP	12/31/2022	Certified		Report No. 01-2018
15	Safety Culture and Governance OII – VI-2 _Safety IPP includes III-4	12/31/2022	Certified		Report No. 02-2019
16	Safety Culture and Governance OII – VI-3 _Risk and Bus Case Planning	12/31/2022	Certified		Report No. 02-2019
17	Safety Culture and Governance OII – VI-4 _PPM for Power Gen	12/31/2022	Certified		Report No. 03-2019
18	Safety Culture and Governance OII – VI-5 _Session D Link to Sessions 1 and 2	12/31/2022	Certified		Report No. 02-2019
19	Safety Culture and Governance OII – VII-1 _STIP and LTIP Metrics includes VII-4 _VII-5	12/31/2022	Certified		Report No. 02-2019
20	Safety Culture and Governance OII – VII-2 _Former STIP metric tracking	12/31/2022	Certified	Stephanie Williams	Report No. 01-2018
21	Safety Culture and Governance OII – VII-3 _LTIP Safety Weight	12/31/2022	Certified		Report No. 02-2019
22	Safety Culture and Governance OII – VII-6 _BPR Metrics	12/31/2022	Certified	Stephanie Williams	Report No. 01-2018
23	Safety Culture and Governance OII – VII-7 _Expanded Best Practice Sharing	12/31/2022	Certified	Sumeet Singh	Report No. 02-2019
24	Safety Culture and Governance OII – VIII-10 _PwrGen Training Completion	12/31/2022	Certified		Report No. 01-2018
25	Safety Culture and Governance OII – VIII-11 _PwrGen Refresher Training	12/31/2022	Certified		Report No. 03-2019
26	Safety Culture and Governance OII – VIII-2 _Field-first Training Profiles	12/31/2022	Certified		Report No. 03-2019
27	Safety Culture and Governance OII – VIII-3 _SLD 360	12/31/2022	Certified	Sumeet Singh	Report No. 01-2018
28	Safety Culture and Governance OII – VIII-4 _Mandatory Refresher Training	12/31/2022	Certified		Report No. 03-2019
29	Safety Culture and Governance OII – VIII-5 _Human Performance Training	12/31/2022	Certified		Report No. 03-2019
30	Safety Culture and Governance OII – VIII-6 _OQ Status Reporting	12/31/2022	Certified		Report No. 01-2018
31	Safety Culture and Governance OII – VIII-7 _2014 OQ Review	12/31/2022	Certified		Report No. 03-2019
32	Safety Culture and Governance OII – VIII-9 _PwrGen Apprentice Program	12/31/2022	Certified		Report No. 03-2019

**TABLE 1
MATRIX OF SUSTAINABILITY PLANS
(CONTINUED)**

Line No.	PG&E Implementation Plan	Certification Due Date	Certification Status ^(a)	Approver	Initial Implementation
33	Safety Culture and Governance OII – X-1_SEMS-CAP Integration	12/31/2022	Certified		Report No. 01-2018
34	Safety Culture and Governance OII – X-2_CAP-NH Costs and Benefits	12/31/2022	Certified		Report No. 01-2018
35	Safety Culture and Governance OII – X-3_CAP-NH Reporting Benefits	12/31/2022	Certified		Report No. 01-2018
36	Safety Culture and Governance OII – X-4_IA Review of Serious Incident Investigations	12/31/2022	Certified		Report No. 01-2018
37	Safety Culture and Governance OII – X-5_WGE Documentation Improvement	12/31/2022	Certified		Report No. 01-2018
38	Safety Culture and Governance OII – X-6_Central Repository for Investigation info	12/31/2022	Certified		Report No. 01-2018
39	Safety Culture and Governance OII – X-7_Safety Communication Protocol	12/31/2022	Certified		Report No. 01-2018
40	Safety Culture and Governance OII – X-8_Cause Evaluation Process includes X-9	12/31/2022	Certified		Report No. 02-2019
41	Safety Culture and Governance OII – XI-1_Surprise Inspections for Cont Safety	12/31/2022	Certified		Report No. 01-2018
42	Safety Culture and Governance OII – XI-2_Solely Responsible Cont Language	12/31/2022	Certified	Brooke Reilly	Report No. 01-2018
43	Safety Culture and Governance OII – XI-3_Cont Incident Closure Criteria	12/31/2022	Certified		Report No. 01-2018
44	Safety Culture and Governance OII – XI-4_Cont Safety best Practice Sharing	12/31/2022	Certified		Report No. 02-2019
45	Safety Culture and Governance OII – XI-5_LOB Guidelines for Cont Safety	12/31/2022	Certified		Report No. 02-2019
46	Safety Culture and Governance OII – XI-6_PwrGen Contractor On-boarding	12/31/2022	Certified		Report No. 01-2018
47	Safety Culture and Governance OII – V-6 Reduce Overall Mileage	12/31/2022	Certified		Report No. 02-2019

Note: Additional recommendations from NorthStar's Report – First Update (March 29, 2019) are certified in MetricStream under the plans in scope for the assessment (F-1, F-2, F-3, F-4, III-1, and IX-1). The table excludes "IX-4 Speak-up Effectiveness" and "VIII-8 OQ Feasibility Study," which do not require ongoing actions.

(a) MetricStream compliance certification status.

B. Additional NorthStar Recommendations

At the request of Safety and Enforcement Division (SED), NorthStar performed a secondary assessment of six PG&E Safety OII plans, established in response to recommendations from NorthStar’s original report,¹ and included a set of additional recommendations in the NorthStar Report – First Update.² PG&E agreed with the additional recommendations and embraced the opportunity to further improve its safety culture and governance. The status of PG&E’s implementation of these additional recommendations is provided in Table 2 below.

**TABLE 2
MATRIX OF ADDITIONAL NORTHSTAR RECOMMENDATIONS AND
PG&E’S IMPLEMENTATION STATUS**

Line No.	PG&E Implementation Plan	NorthStar Recommendation	Status
1	F-1_OII Implementation Plan	Institute version control over, and include dates for the implementation plans, completion narratives, sustainability plans and for the Internal Audit (IA) sign-off process.	Implemented Under Existing Plan
2	F-1_OII Implementation Plan	Increase the rigor and formality over target completion date changes, status changes and scope changes associated with the implementation of NorthStar’s recommendations. Review the implementation status of all recommendations to ensure all elements of the recommendations have been addressed or PG&E’s modifications have been documented and justified.	Implemented Under Existing Plan
3	F-1_OII Implementation Plan	Develop processes to ensure the sustainability of the implementation of NorthStar’s recommendations.	Implemented Under Existing Plan
4	F-1_OII Implementation Plan	In addition to the status of the implementation of NorthStar’s recommendations, continue to report to the Commission on any significant changes that might affect the sustainability of the recommendations.	Implemented Under Existing Plan
5	F-1_OII Implementation Plan	Report to the Commission on a quarterly basis the status of the One PG&E Operational Health & Safety Plan and associated metrics (in process).	Implemented Under Existing Plan
6	F-4 Comprehensive Safety Strategy _includes III-2_III-3_V-3	Increase Chief Safety Officer (CSO) oversight and governance over public and other aspects of safety to mitigate potential silos and ensure risks are adequately addressed.	Implemented Under Existing Plan
7	F-4 Comprehensive Safety Strategy _includes III-2_III-3_V-3	Communicate results of IA safety-related audits and Line of Business (LOB) management response to Safety, Health and Enterprise Correction Action Program (CAP) (reporting to the CSO).	IA Review Complete (Fully Implemented)

¹ NorthStar Report, issued on May 8, 2017.

² NorthStar Report – First Update, issued on March 29, 2019.

**TABLE 2
MATRIX OF ADDITIONAL NORTHSTAR RECOMMENDATIONS AND
PG&E'S IMPLEMENTATION STATUS
(CONTINUED)**

Line No.	PG&E Implementation Plan	NorthStar Recommendation	Status
8	F-4 Comprehensive Safety Strategy _includes III-2_III-3_V-3	Include the Generation Safety Lead in routine meetings between Electric Operations and Gas Operations and Safety and Health regarding the implementation of OH&S plan.	Implemented Under Existing Plan
9	F-4 Comprehensive Safety Strategy _includes III-2_III-3_V-3	<p>Conduct an annual (or biennial) blue sky strategic safety planning exercise to concentrate on the changing environment, potential risks and threats. The exercise should force a comprehensive analysis of all safety-related opportunities and threats and a formal, proactive action plan. The planning exercise should:</p> <ul style="list-style-type: none"> • Consider the environmental, financial, political, technological, infrastructure, public, workforce and other risks and safety advancements. • Include executives, management and potentially the BODs. • Be facilitated by an outside expert. • Cover ALL potential contributors to safety. 	Implemented Under Existing Plan
10	F-2_Supv in the Field includes V-4	Increase the number of Supervisors in Electric Operations, Gas Operations and Power Generation field operations to comply with Corporate Procedure HR-2010-P01 thereby limiting the span of direct reports to a maximum of 1:20.	Implemented Under Existing Plan
11	F-2_Supv in the Field includes V-4	Commit to a target level of dedicated time in supervisors calendars each week for time in the field; guidance will remain flexible for each LOB to take into consideration the different job functions and geographic work considerations.	Implemented Under Existing Plan
12	F-2_Supv in the Field includes V-4	Transfer administrative tasks such as scheduling of work, training and paperwork review, from the Supervisor to the office-based staff.	Implemented Under Existing Plan
13	F-2_Supv in the Field includes V-4	Formalize Gas, Electric, and Power Generation management expectations for supervisors spending time in the field and communicate techniques for how to reduce impediments in each LOB thereby increasing time in the field.	Implemented Under Existing Plan
14	F-2_Supv in the Field includes V-4	Move completed work review to the jobsite, allowing for immediate feedback before electronic records and paperwork are finalized.	This plan will not be implemented.

**TABLE 2
MATRIX OF ADDITIONAL NORTHSTAR RECOMMENDATIONS AND
PG&E'S IMPLEMENTATION STATUS
(CONTINUED)**

Line No.	PG&E Implementation Plan	NorthStar Recommendation	Status
15	F-2_Supv in the Field includes V-4	Reduce travel requirements for field personnel and supervisors who are frequently assigned to work or attend meetings outside their normal work locations.	Implemented Under Existing Plan
16	F-3_SLD_includes VIII-1	Continue to provide Crew Lead Safety Leadership training courses for employees that move into Crew Lead positions. Automatically include Crew Lead Safety Leadership training in the training profiles for new crew leads.	Implemented Under Existing Plan
17	F-3_SLD_includes VIII-1	On an annual basis, revise Safety Leadership Development (SLD) training to address any areas of concern identified in the review of SafetyNet observation data.	IA Review Complete (Fully Implemented)
18	III-1_Board Qualifications	Report any changes in the BOD skills matrix, and any changes to the composition of the BOD to the CPUC.	Implemented Under Existing Plan
19	III-1_Board Qualifications	Continue to update the BOD on safety and other significant industry issues.	Implemented Under Existing Plan
20	III-1_Board Qualifications	<p>Encourage BOD members to inquire and challenge PG&E executives to ensure a robust governance process. Revise PG&E Corp.'s Governance Guidelines to include expectations for Directors. As an example, see the Sempra Energy Corporate Governance Guidelines. Among other items, the Sempra Energy Guidelines include the following:</p> <ul style="list-style-type: none"> • Maintain an attitude of constructive skepticism, ask relevant, incisive, probing questions and engage in direct and forthright discussions with the Board and management. • Develop and maintain a broad understanding of the corporation's business and risk profile, its strategic, financial and operating opportunities and plans, and its internal control systems and disclosure controls and procedures, including environmental, and health and safety systems and procedures. • Balance prompt action with thorough deliberations, prioritize matter requiring attention, gather sufficient information, engage in open discussion, invite differing views, evaluate the benefits and risks of various courses of action and support the acceptance of prudent business risks to permit informed and timely decision making. 	IA Review Complete (Fully Implemented)

**TABLE 2
MATRIX OF ADDITIONAL NORTHSTAR RECOMMENDATIONS AND
PG&E'S IMPLEMENTATION STATUS
(CONTINUED)**

Line No.	PG&E Implementation Plan	NorthStar Recommendation	Status
21	IX-1_Safety Communication	Implement the recommendations identified in the outside vendor's communications audit.	IA Review Complete (Fully Implemented)
22	IX-1_Safety Communication	Revise the communications plan as necessary to address any safety and health issues that are identified in recent and on-going Premier surveys and associated analyses.	Implemented Under Existing Plan

On September 16, 2022, the CPUC issued the Final NorthStar Report to PG&E. A response was provided by PG&E on October 7, 2022. Of the 68 recommendations provided in the Final NorthStar Report, 26 are recommended for further monitoring. We believe that no further monitoring is necessary because all recommendations have already been fully implemented.

C. Changes to PG&E Execution of Plans

As recommended by NorthStar, PG&E will continue to report to the Commission on any significant changes that might affect the sustainability of the recommendations.

- PG&E certifies ongoing compliance with Recommendation VII-2, Former STIP Metric Tracking, noting that Leadership has visibility to a robust and comprehensive set of metrics related to all aspects of safety. This visibility is maintained through alternative forums and structures that have evolved and advanced over time. With the introduction of the Lean Operating system in 2021, the metrics monitored at the L1 level were refined, but comprehensive sets of metrics are maintained beyond the L1 level with the accountable leaders within organizational-specific metrics structures, where they still live. For example, a list of Key Risk Indicators tied with the Company's comprehensive set of top risks is maintained with monthly visibility to the enterprise-wide, cross-cutting risk management community. This also includes continued visibility to areas previously tracked within Short-Term Incentive Plans (STIP) as the importance of performance in these key areas (that were previously incentivized to improve) does not change within the business when they are no longer part of an annual STIP. Meaning, their importance, visibility and tracking does not typically change over time. Additionally, the evolution of PG&E's new Lean Operating System, which is still in development, will continue to support and align with the intent of having increased visibility into and reporting frequency of comprehensive metrics through the "Operating Review" function of the Lean Operating System.
- PG&E certifies ongoing compliance with Recommendation VII-6, Business Plan Review (BPR) Metrics, noting that Leadership visibility to a robust

and comprehensive set of metrics related to all aspects of safety is maintained through alternative forums and structures as the BPR forum has changed over time. A robust and comprehensive list of metrics addressing all aspects of safety were maintained in 2019 and 2020 at the Executive level and within other organization-specific metric structures beyond the L1 level, where they still live. See comments for Recommendation VII-2 above for additional detail.

- PG&E certifies ongoing compliance with Recommendation VIII-7, 2014 Operator Qualifications (OQ) Review, noting that a review of 2014 OQ to determine if contract employees were working on PG&E's system with other expired OQs was completed.
- PG&E certifies ongoing compliance with Recommendation F-4, Comprehensive Safety Strategy, noting that NorthStar reported this recommendation as partially implemented in their September 2022 Final Update Report stating that our comprehensive safety strategy "does not address culture, public safety, or process safety." While this may have been true in 2019, as of NorthStar's First Update Report, our newest safety effort, the PSEMS, applies to all lines of business and consists of four pillars: asset management, process safety, safety culture and OH&S. Since PSEMS specifically addresses the aspects identified by NorthStar as missing from our comprehensive safety plan, these recommendations should be considered fully implemented. In addition, we note that the following:
 - Chief Risk and Safety Officer has an oversight and governance role over public safety;
 - Safety-related audits, conducted by our IA organization, are shared with the CRSO;
 - The Generation organization is included in the development and implementation of the Safety Plan; and
 - Horizon Scanning for safety related risks is performed annually.
- PG&E certifies ongoing compliance with Recommendation IV-3, Safety Department Roles and Responsibilities, noting that we have fully implemented this recommendation. As part of the implementation process, PG&E grouped NorthStar Recommendations, IV-3 and IV-4, and reported that the implementation of both, as well as their IA Department review of the Company's completion narrative, was finalized in our First Quarterly Report. Changes in 2022 include:
 - The organization did not experience any turnover in Director and above positions and further stabilized the organization by filling a new VP of Safety Position; and
 - Resource balancing against the safety strategy is a standard component of our annual planning process.

In Q4, the safety and risk "plan on a page" was developed in partnership with all functional areas. Tactical Implementation Plans (TIP) to deliver on the plan and expected effectiveness are under development and nearly finalized.

- PG&E certifies ongoing compliance with Recommendation IV-1, CSO Experience, noting that the recommendation is fully implemented. In August 2022, the Commission approved PG&E's Petition for Modification of D.20-05-053 requesting the ability to consolidate the CSO and CRO roles into one position. Sumeet Singh was appointed to this consolidated position and has both operational and professional safety experience. While we do not believe specific safety credentials should be mandatory for all safety positions, Mr. Singh is nonetheless working to obtain his Associate Safety Professional Certification through the Board of Certified Safety Professionals.
- PG&E certifies ongoing compliance with Recommendation VII-7, Expanded Best Practice Sharing, noting that PG&E has established the Lean Operating Rhythm with Daily Operating Reviews (DOR), Weekly Operating Reviews (WOR), and Monthly Operating Reviews. Safety performance is shared in daily communications to all employees and exceptions are reviewed at the DORs and WORs. Safety's TIPs are reviewed at the Safety WOR which includes key stakeholders from the functional areas.
- PG&E certifies ongoing compliance with Recommendation VIII-3, SLD 360, noting that this recommendation is fully implemented. SLD continues to be provided for crew leads and supervisors. Per the recommendation, feedback on the program is collected and considered for improvement through SafetyNet and attendee feedback. Changes in 2022:
 - We are pivoting resources from revamping SLD to establishing a new program – a Leadership Development Program;
 - This Leadership Development Program will be broader in scope, will include all leaders at the Company and will include multi-year targets to drive performance; and
 - Full implementation of the Leadership Development Program will begin in 2023 with SLD continuing in parallel for crew leads and field supervisors.
- PG&E certifies ongoing compliance with Recommendation IX-3, Reach Every Employee, noting that we are considering substantial changes to the program for 2023. However, these changes are still in the design phase. Future updates will include more information about the future program as they are defined.
- PG&E certifies ongoing compliance with Recommendation VI-5, Session D link to Session 1 and 2, noting that the Integrated Planning Process, which included Sessions D, 1 and 2, has been replaced by the Business Plan Deployment (BPD) process. The BPD process is designed to connect PG&E's True North Strategy to specific business outcomes including outcomes related to managing safety, reliability and financial risk related to operating its gas and electric systems. The RIBA Standard has been retired and replaced by a new Risk-Based Portfolio Prioritization Framework Standard. PG&E continues to develop our risk-based decision-making framework consistent with guidance developed by the

CPUC in its ongoing Risk-Based Decision-Making Framework Order Instituting Rulemaking.

- PG&E certifies ongoing compliance with Recommendation XI-3, Contractor Incident Closure Criteria, noting that the Enterprise Contractor Safety organization continues to practice the formal process outlined in SAFE-3001P-14. This standard addresses ISNetwork (ISN) Serious Safety Incident Action Items and is a published document within PG&E's Guidance Document Library.
- PG&E certifies ongoing compliance with Recommendation X-6, Central Repository for Investigation Info, noting that PG&E monitors its system of record, CAP, through a SIF dashboard that tracks and monitors required investigation actions that align with the recommendation. Closed SIF investigation actions require the PG&E CAP system to be utilized as the central repository for investigation information.
- PG&E certifies ongoing compliance with Recommendation X-3, CAP Near Hit Reporting Benefits, noting that all Near Hit CAPs are evaluated by SIF Review Teams to ensure the correct selection of causal evaluation type was selected and that documentation is available for the decision-making process. Quality and timeliness of the causal evaluations are tracked and monitored on a SIF dashboard that offers real-time SIF Cause Evaluation data. The SIF Cause Evaluation communication, including their Corrective Actions (CA), are maintained in a central repository accessible to all PG&E employees.
- PG&E certifies ongoing compliance with Recommendation XI-5, LOB Guidelines for Contractor Safety, noting that the team is currently focused on reassessing the LOB Contractor Safety Procedures to ensure roles and responsibilities are clear and reflect the current organizational structure. This is a reoccurring/routine task, which is built into the structure of the Enterprise Contractor Safety Program.
- PG&E certifies ongoing compliance with Recommendation XI-4, Contractor Safety Best Practice Sharing, noting that the Enterprise Contractor Safety Program is currently:
 - In the process of reassessing the cadence of these forums, as well as developing a standardized agenda;
 - Restructuring the standard monthly meeting between Enterprise Contractor Safety and the functional areas to enhance tenaciousness, empathy and drive a sense of ownership for the safety of our contract partners; and
 - Increasing benchmarking with peer utilities from annually to quarterly. This has resulted in breakthrough thinking, mirrored processes to lessen confusion of our shared contract partners and transparency in lessons learned from serious incidents.
- PG&E certifies ongoing compliance with Recommendation VIII-6, OQ Status Reporting, noting that the development of OQ reporting information will continue to evolve based upon the usefulness, applicability and feedback from report recipients.

- PG&E certifies ongoing compliance with Recommendation X-7, Safety Communication Protocol, noting that written SIF communications are distributed to both the affected functional area and enterprise-wide work groups via the following communication pathways and target audiences:
 - Daily Digest – all employees;
 - Safety & Risk Snapshot – extended leadership team;
 - ISN – Contractors;
 - E-mail from Sponsors – functional area and other affected parties;
 - Daily Safety Messages – e-mailed Monday through Friday to all employees and include best practices, recognition, near hits and serious incidents; and
 - Safety Week – implemented in January and mid-year.
- PG&E certifies ongoing compliance with Recommendation VI-4, PPM for Power Generation, noting that while the Enterprise Portfolio Planning and Management System tool has been implemented in Power Generation, there is another tool development effort under way to further improve PG&E’s ability to prioritize work in the plan on a risk informed basis. While organizational changes have occurred within Gas and Electric, focus on prioritizing work on a risk basis continues.

V. Board of Directors Reporting

In D.19-06-008, the Commission directed PG&E to provide the following information in the quarterly reports submitted to SED pursuant to D.18-11-050:

- 1) Non-confidential versions of the minutes of all BOD and safety committee meetings.
- 2) All training, education, or other support on safety that PG&E and PG&E Corporation are providing to Board members so that they can adequately perform their duties on safety issues.

A. BOD and SNO Committee Meeting Minutes

In the fourth quarter of 2022, the Boards held an extended meeting with three sessions on December 13-15; the SNO Committees held a meeting on October 25 and December 14, and a concurrent SNO/Audit Committees meeting on October 25.

Attachment 1 to this Report includes non-confidential versions of approved minutes for the following BOD and SNO Committee meetings that were held on or after June 13, 2019,³ and for which approved minutes have not been provided in connection with a prior quarterly report:

³ Effective date of D.19-06-008.

September 14, 2022 – SNO Committees
September 15, 2022 – Boards of Directors
October 25, 2022 – SNO Committees
October 25, 2022 – Joint SNO and Audit Committees

Meeting minutes for the BODs and the SNO Committees must be formally reviewed and approved by the relevant governance body prior to finalization. The timing for this process varies, and in many cases the minutes will be finalized in a different quarter from the quarter in which the meeting was held.

B. BOD Safety-Related Training

PG&E is submitting information regarding “all training, education or other support on safety that PG&E and PG&E Corp.” provided “to board members to ensure that they can adequately perform their duties on safety issues.”

- In December 2022, the Boards received a safety training on the PSEMS being implemented across the-utility. The Boards also received an “Year in Review” report out from the PG&E Corporation Chief Executive Officer and the Executive Officer team, including safety, risk, and operational updates.
- In October 2022, the SNO Committees received updates on safety performance, the Enhanced Vegetation Management program, and the Wildfire Mitigation Plan. Additionally, the Committees received a detailed review on the risks to electric distribution asset management.
- In October 2022, the SNO Committees and Audit Committees jointly reviewed the third quarter IA report and received operational performance updates.
- In December 2022, the SNO Committees received an update on the Contractor Safety program and reviewed safety performance, including nuclear safety and an update from the Nuclear Safety Oversight Committee.⁴ The Committees also reviewed the Wildfire Mitigation Plan. The fourth quarter risk review was focused on third-party incidents. Lastly, the Committees received an update on dam safety and individual safety and asset protection.

VI. Safety Strategy and Performance Update

A. Safety Strategy Update

PG&E continues to execute against and make improvements to its 5-Year Safety Strategy. The safety updates included in this report align with the major components of the 5-year Safety Strategy. The strategy has been reviewed by senior leadership and the BOD and has driven our execution since mid-2020.

⁴ The committee provides an integral part of the DCPD oversight process by independently assessing performance and advising the Chief Nuclear Officer. It is an independent third party that is composed of previous senior management leaders, as required by the DCPD Final Safety Analysis Report.

**TABLE 3
5-YEAR SAFETY STRATEGY UPDATE**

Line No.	Strategy Component	Workstream	Q4 2022 Progress
1	Transportation Safety	Motor Vehicle Safety	<ul style="list-style-type: none"> Year-to-date (YTD) the 360 walk-around app has recorded over 975,000 walk-arounds by our coworkers. Over 8,700 users of the app and around 7,100 assets.
		Safety Technology	<ul style="list-style-type: none"> Cell phone blocking installation is complete with 950 active users. Since 6/25, the system has suppressed over 144,000 inbound texts, over 40,000 calls while traveling over 5.6 million miles on the road. App users now have a distraction frequency of ~35 miles per distraction, while a person without the app has a frequency of 6 miles per distraction Over 430 Distraction and Fatigue driving In-Cab Camera systems installed, and the pilot baseline was launched on September 6. Through Q4 2022, results shown a 65 percent reduction in distracted driving and an 81 percent reduction in tailgating events.
		Contractor Transportation Risk	<ul style="list-style-type: none"> Through Q4 2022, reviewed over 251 contractor motor vehicle incidents for SIF potential. Of the 251, 28 were classified as SIF Potential requiring an Apparent Cause Evaluation and 35 were classified as SIF Potential requiring a Work Group Evaluation.

**TABLE 3
5-YEAR SAFETY STRATEGY UPDATE
(CONTINUED)**

Line No.	Strategy Component	Workstream	Q4 2022 Progress
2	Contractor Safety	Safety Plan Review and Approval Process (Programmatic Safety Plan/ Project Specific Safety Plan)	<ul style="list-style-type: none"> • Reviewed functional area processes to identify gaps and opportunities for improvements around Contractor Safety Plan creation and review. • Developed plan to address gaps in January 2023.
		Quality Assurance Review	<ul style="list-style-type: none"> • Completed 2 Contractor Safety Quality Assurance Reviews (CSQAR) in Q4; 65 percent reduction in Human Performance incidents and no SIF incidents with our most at-risk contractor. • Implemented clear processes, templates, and established detailed project plans for additional CSQARs for high-risk contract partners in 2023.
		Post Job Evaluation Process	<ul style="list-style-type: none"> • Enhancements made to ensure all prime and subcontractors are assessed, appropriate mitigations are implemented, and performance directly impacts future contract award decisions. Enhancements include: <ul style="list-style-type: none"> – Lessons learned to be shared across the enterprise; – Evaluate every prime and subcontractor performing active work; and – Updated performance evaluation criteria, which impacts the effectiveness of managing subcontractor safety performance.
		Contractor Safety Driving Program Requirements	<ul style="list-style-type: none"> • Developed an Industry Leading Motor Vehicle Driving Safety Initiative, focused on American National Standards Institute (ANSI) Z15 as the framework.
		Safety Management System and Program Improvements	<ul style="list-style-type: none"> • Piloted a contractor-specific incident management tool and continue to evaluate system options for implementation. • Completed development of an Enterprise Contractor Safety Stand Down procedure, focusing on timely cross-functional alignment. • Assessed risk and developed plan to address Spanish translation for contractors (Lloyd’s Register Improvement Opportunity). • Reorganized the Enterprise Contractor Safety team, hired new team members, established a team charter with mission, vision, and strategy, and prioritized work efforts based on risk and impact. • Created and released 3 contractor web-based trainings focused on: <ul style="list-style-type: none"> – Patrolmen and pilots working together to avoid hazards while patrolling a utility environment; – Gas facilities requiring inspection and the qualifications required to perform and document those inspections; and – Removal of planned and unplanned water from open excavation sites and discharge of water from hydrostatic testing.

**TABLE 3
5-YEAR SAFETY STRATEGY UPDATE
(CONTINUED)**

Line No.	Strategy Component	Workstream	Q4 2022 Progress
3	SIF Prevention	Safety Observations	<ul style="list-style-type: none"> • Enterprise: 28,704 safety observations were completed in Q4, including 2,363 observations completed by Safety and Risk field safety specialists. • Contract Partners: 15,444 safety observations were completed in Q4 on contract partners, including 2,953 safety observations completed by the Safety and Risk field safety specialists. • Created prototype observation checklists that align safety observations with specific Keys to Life; deployment targeted for Q1 2023. • Completed doctrine & training procedures for consistent observation quality reviews; pilot program-launch within Electric Operations targeted for Q1 2023. • Safety observers identified 31 high at-risk findings and 2 life-threat findings in Q4.
		SIF CA Effectiveness Review	<ul style="list-style-type: none"> • Analyzed 108 SIF Investigations with 567 Corrective Actions to Prevent Reoccurrence (CAPR) and CA: <ul style="list-style-type: none"> – 19 – High Energy SIF A with 114 CAPR's/CA's – 89 – Potential SIF with 453 CA's • ECAP review/approval of SIF investigation results (GOV-6102S, Quality Review sheet & CAP System): <ul style="list-style-type: none"> – Procedural adherence critical content quality review; – Focus on “What failed vs who failed”; and – S.M.A.R.T. criteria. • Identified opportunities to enhance Corrective Action Review Board process. • Implement Quarterly reviews of SIF investigations for 2023.
		Improve timeliness and clarity of SIF incident communications	<ul style="list-style-type: none"> • Serious Incident Alerts are communicated to all coworkers within 1 day of a serious injury occurring. The Alerts in the Daily Safety Update are discussed during a tailboard, huddle, or Daily Operating Review the same day. Five Alerts were sent during Q4. • Daily safety messages are posted in the Daily Safety Update regarding near hits, best practices, Keys to Life, general safety practices, and safety recognition to promote SIF prevention. These messages are discussed during that day's tailboard, huddle, or Daily Operating Review. • Initial and Final SIF communications are sent to all leaders on a weekly basis in the Safety & Risk Snapshot and published in the PG&E Daily Digest. • In addition, Field Safety Directors execute an immediate field response to all safety incidents, including creating an Initial Incident Report that is distributed within 24 hours of the response to all field leaders with the facts about the incident to leadership teams. • Field Safety Director's immediate field response includes ensuring a CAP is quickly created to provide timely notification, allowing LOBs to turn around a SIF incident communication without unnecessary delays.

**TABLE 3
5-YEAR SAFETY STRATEGY UPDATE
(CONTINUED)**

Line No.	Strategy Component	Workstream	Q4 2022 Progress
4	Occupational Health	Ergonomics and Industrial Athlete (IA)	<ul style="list-style-type: none"> • <u>Office Ergonomics (OE):</u> <ul style="list-style-type: none"> – Conducted 904 ergonomic evaluations in Q4. – Trained 50 new internal consultants with new training model. – Conducted OE Software access sweep to ensure new 2023 privacy law compliance. – Completed work with OE vendor on clean-up project to address aged cases. • <u>Industrial Ergonomics (IE):</u> <ul style="list-style-type: none"> – Developed draft project plans for 2 vendors to pilot wearables in 2023. – Partnered with IA on data collection for new position (Gas Compliance Rep (GCR)) to be added to post-offer physical assessment process for future IE projects / understanding of ergo risk for GCR role. – Completed 14 IE projects in Q4, providing Functional Areas project solution recommendations. • <u>Vehicle Ergonomics (VE):</u> <ul style="list-style-type: none"> – Created new VE Standard published in Guidance Document Library. – Performed 25 Vehicle Ergonomic Assessments in Q4. – Worked with Restoration Specs Review Committee for Trouble Truck modifications. • <u>IA:</u> <ul style="list-style-type: none"> – Performed 2,367 individual services and 2,264 proactive group services in Q4. – Supported 1,057 discomfort cases in Q4, 93 percent of which were closed at the self-care level.
		Injury Management	<ul style="list-style-type: none"> • <u>On-Site Clinics:</u> Utilization in primary care, occupational health, and wellness services increased in Q4 as compared to same time last year due to all 3 sites (Fresno, San Carlos, and Oakland) being fully operational. Occupational health, wellness coaching, acupuncture and chiropractic care saw spikes in utilization. • <u>Telephonic Nurse Case Management program:</u> provided early nurse intervention on 194 new Workers' Compensation claims; resulting in 1,425 lost workdays saved in Q4. • <u>Return-to-Work Task program:</u> saved 976 lost workdays and placed 15 employees into temporary task assignments in Q4.

**TABLE 3
5-YEAR SAFETY STRATEGY UPDATE
(CONTINUED)**

Line No.	Strategy Component	Workstream	Q4 2022 Progress
5	Organization Culture/ Safety Mindset	SLD	<ul style="list-style-type: none"> The current SLD course will continue for new front-line field leaders, including crew leads. Materials updated to reflect Purpose, Virtues and Stands.
		Enterprise Leadership Development Program	<ul style="list-style-type: none"> Currently under revision and will be linked with the SLD described above.
		Culture of Villages	<ul style="list-style-type: none"> Currently deployed in Gas Operations only, will be reviewed in early 2023 for possible expansion opportunities.
		Communications	<ul style="list-style-type: none"> Conducted a 100-day Keys to Life campaign that engaged leaders using a toolkit to have daily safety-related conversations about a Key to Life each week. Sent weekly Safety Snapshot to all leaders. Daily safety messages and Serious Incident Alerts are shared via email and the Daily Operating Reviews. Sent ongoing awareness communications related to safety observations best practices, near hits, and SIF alerts. Prepared for Safety Week 2023 scheduled for 1/9-1/13.
6	PSEMS	Manual Development	<ul style="list-style-type: none"> Complete
		Lloyd's Register Quality Assurance – Gap Assessment	<ul style="list-style-type: none"> Scheduled 2/1/23-6/30/23
		Implementation Roadmap	<ul style="list-style-type: none"> Complete
		Management of Change (MOC)	<ul style="list-style-type: none"> MOC Software is not moving forward. Commission was notified. It is clear that a single MOC process across PG&E is needed and this will be accomplished through the implementation of PSEMS.
7	Assurance	Auditing	<ul style="list-style-type: none"> Ownership of workplace safety assurance activities under review with the realignment of the organization.

B. Safety Metrics

PG&E established DART⁵ targets for 2022 based on the goal of reaching 1st quartile by 2026. The 2022 YTD actuals places us in 2nd quartile.

Table 5 below summarizes key metrics performance and established targets for 2019-2022. Figure 1 below provides current performance with respect to employee safety metrics as of December 31, 2022.

⁵ DART: Injury that results in days away, restricted or transferred duty, rate based on 200,000 hours worked.

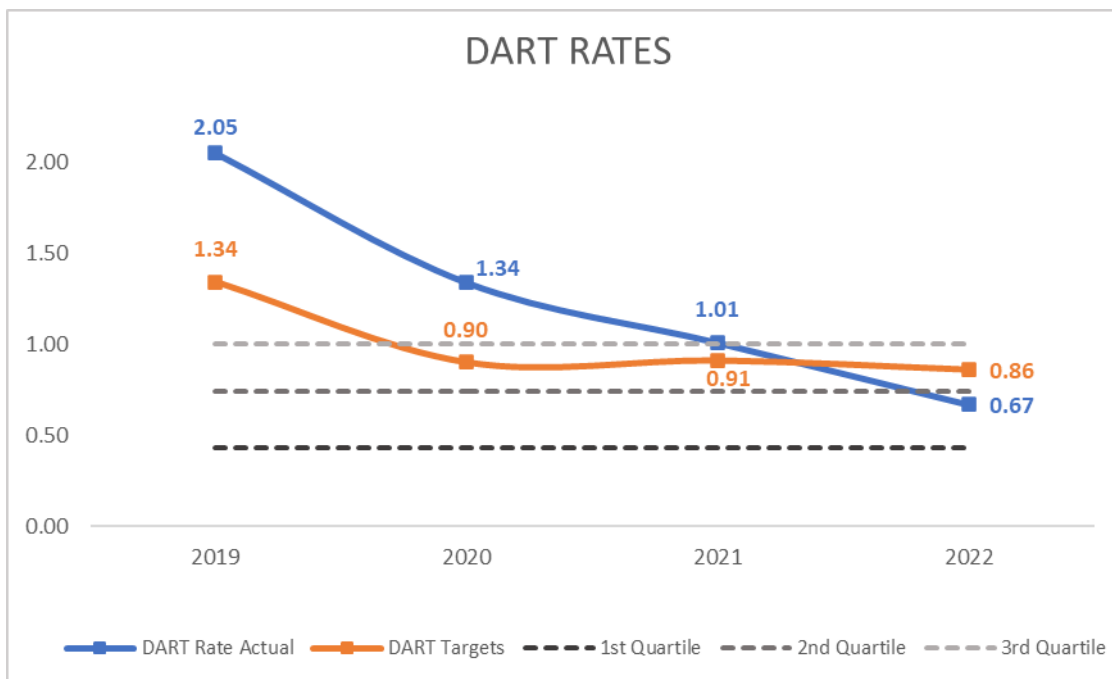
C. Additional Analysis:

**TABLE 5
2019-2022 PERFORMANCE AND ESTABLISHED TARGETS**

Metric	2019		2020*		2021*		2022*		
	Actual	Target	Actual	Target	Actual	Target	YTD Actual	YTD Target	EOY Target
Employee SIF Actual Count	0		4		0		3		
Employee SIF Potential Count	33		25		23		15		
DART Rate	2.05	1.34	1.34	0.90	1.01	0.91	0.67	0.86	0.86

**Number includes count of all injured parties
Data through 12/31/2022*

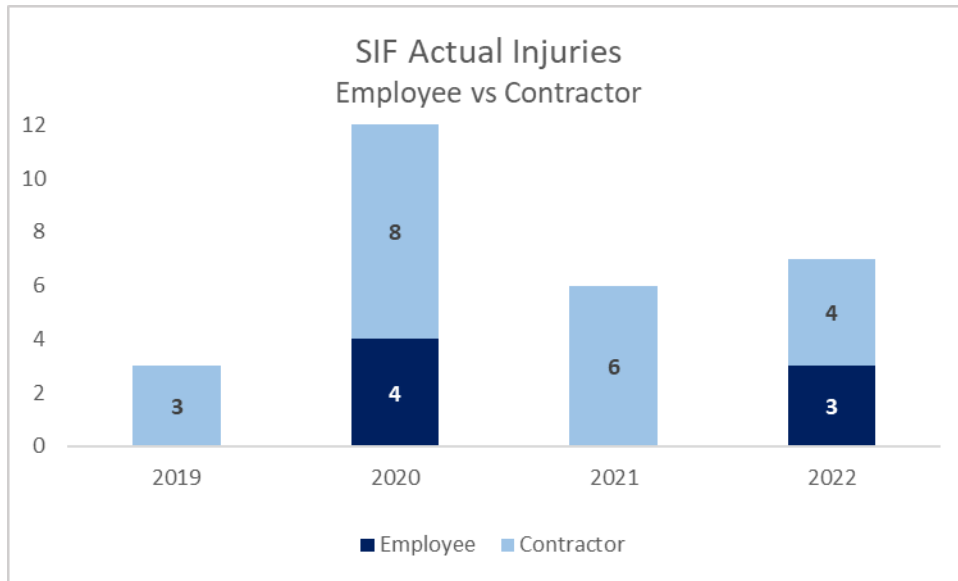
**FIGURE 1
CURRENT PERFORMANCE AS OF DECEMBER 31, 2022**



SIF Graphs

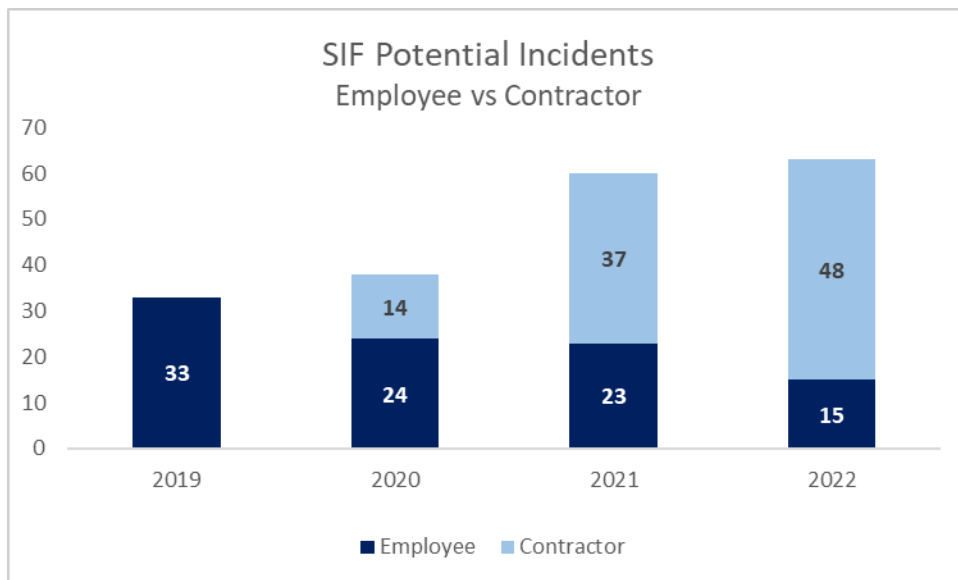
Additional Analysis: Started tracking Contractor SIF potentials (SIF-P) in June 2020. Contractors have contributed 48 SIFP events (76 percent) of total 2022 year-to-date count.

**FIGURE 2
SIF ACTUAL
EMPLOYEE VS CONTRACTOR (2019-2022)**



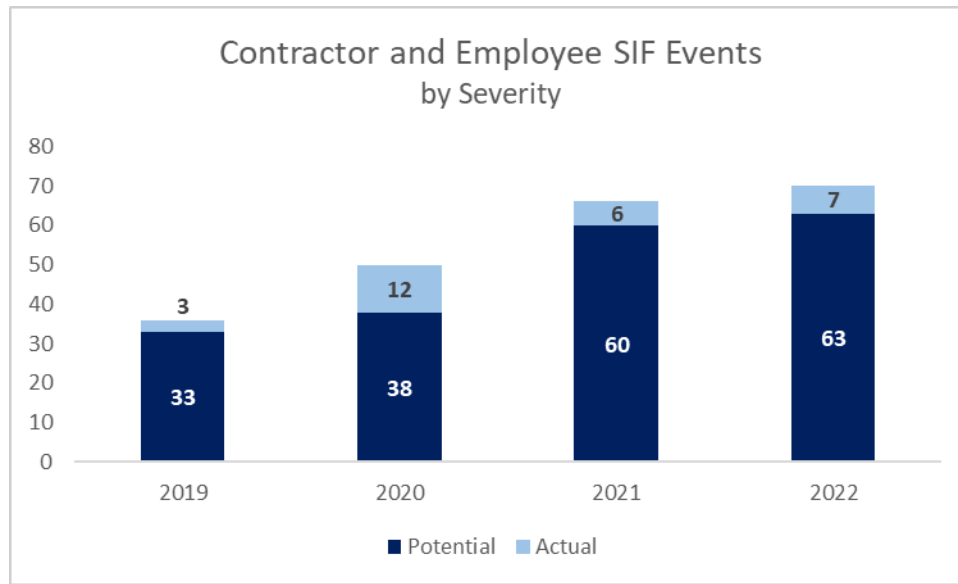
Notes: Graph above is based on number of injuries.
Includes all SIFs.

**FIGURE 3
SIF POTENTIAL
EMPLOYEE VS CONTRACTOR (2019-2022)**



Note: Graph above is based on number of incidents.

**FIGURE 4
CONTRACTOR AND EMPLOYEE SIF EVENTS (2019 – 2022)**



Notes: Contractor SIF-P events were not tracked in 2019.
Contractor SIF-P tracking started in June 2020.
Includes all SIFs.

**TABLE 5
CONTRACTOR SIF
2019-2022 PERFORMANCE**

Metric***	2019	2020*	2021*	2022*
	Actual	Actual	Actual	YTD Actual
Contractor SIF Actual Count	3	8	6	4
Contractor SIF Potential Count**	N/A	14	38	48

*Number includes count of all injured parties
**Contractor SIF Potentials were only tracked starting June 2020
***Targets are not set for Contractor metrics
Data through 12/31/2022

Note: Includes all Contractor SIFs.

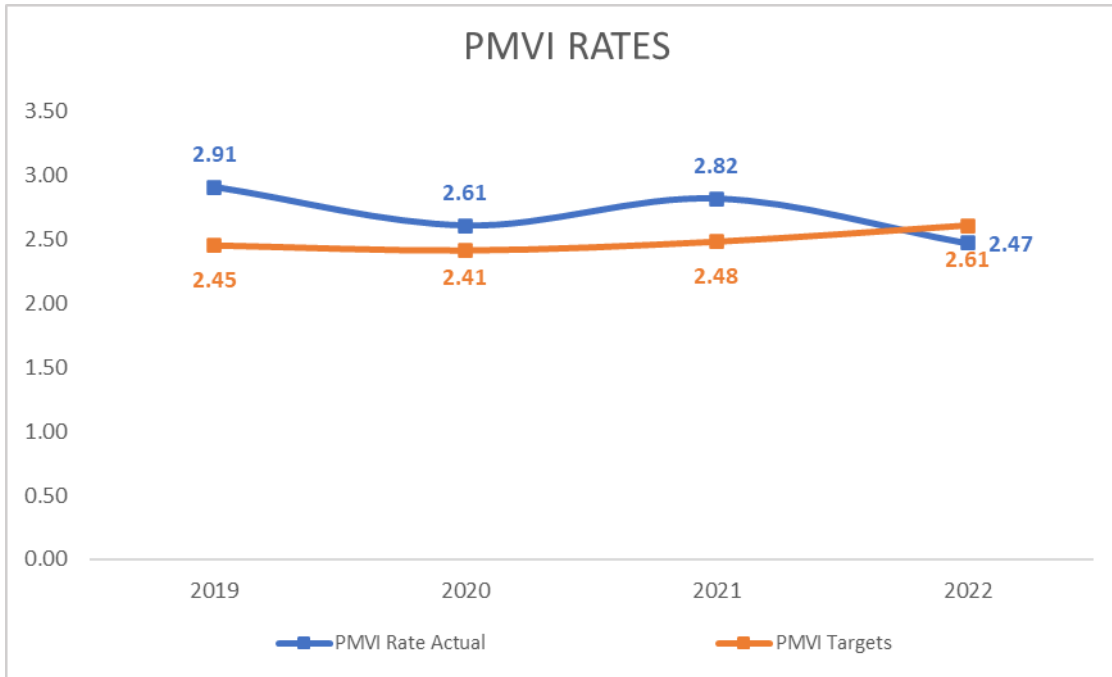
Additional Analysis: The 2022 EOY results places PG&E in 2nd quartile.

**TABLE 6
2019–2022 PERFORMANCE AND ESTABLISHED TARGETS**

Metric	2019		2020		2021*		2022*		
	Actual	Target	Actual	Target	Actual	Target	YTD Actual	YTD Target	EOY Target
PMVI Rate	2.91	2.45	2.61	2.41	2.82	2.48	2.47	2.61	2.61

Data through 12/31/2022

**FIGURE 5
CURRENT PERFORMANCE AS OF DECEMBER 31, 2022**



VII. Conclusion

PG&E is committed to improving its safety culture and performance and continuing to gain our customers and the public's trust. The areas of opportunity identified by NorthStar in its Final Report and in its First Update are at the core of a strong and proactive safety culture. PG&E looks forward to continuing this important work and providing the Commission with quarterly updates on its progress.

PACIFIC GAS AND ELECTRIC COMPANY
ATTACHMENT A
BOD AND SNO COMMITTEE MEETING MINUTES

SAFETY AND NUCLEAR OVERSIGHT COMMITTEE OF THE
BOARD OF DIRECTORS OF PG&E CORPORATION
September 14, 2022

A meeting of the Safety and Nuclear Oversight (SNO) Committee of the Board of Directors of PG&E Corporation (Corporation) was held at Diablo Canyon Power Plant (DCPP), Avila Beach, California, on Wednesday, September 14, 2022, at 8:00 a.m. Pacific Time. The meeting was held concurrently with a meeting of the Pacific Gas and Electric Company (PG&E or the Utility and, together with the Corporation, the Companies) SNO Committee.

SNO Committee members Cheryl F. Campbell, Jessica L. Denecour, W. Craig Fugate, Michael R. Niggli, and William L. Smith were present. Mark E. Ferguson III attended by videoconference as permitted by the Corporation's Bylaws. No Committee members were absent. Other directors present were Robert C. Flexon, Kerry W. Cooper, Arno L. Harris, and Carlos M. Hernandez.

Also present at the beginning of the meeting were Patricia K. Poppe, Adam L. Wright, Christopher A. Foster, John R. Simon, Sumeet Singh, Paula A. Gerfen, Ajay Waghray, Jenny Kan, and Lisa J. Crawford. Also participating by videoconference at the beginning of the meeting were Peter Kenny and Todd W. Filsinger, Operational Observer, Filsinger Energy Partners.

Quorum present, Ms. Campbell, Chair, presided over the meeting. Ms. Crawford served as secretary of the meeting and Ms. Kan opened the meeting with a situational safety briefing.

Mr. Singh began with a moment of silence for a contractor who had passed away since the previous Committee meeting. Referring to the materials that were provided to the Committee in advance of the meeting and that are included in the records of this Committee ("Committee materials"), he provided an update on the Companies' safety performance, including year-over-year serious injury and fatality (SIF) trends, recent SIF incidents, and an overview of induction incidents and countermeasures. The Committee asked questions and discussed, among other things, risk-based models and artificial intelligence, speak up culture in the field, and safety procedure benchmarking with other industries.

Referring to Committee materials, Ms. Gerfen gave a presentation on nuclear performance at DCPP, including updates on the Unit 1 forced outage root cause evaluation, the Nuclear Regulatory Commission, and status of a core damaging event risk, along with other operational updates. The Committee discussed various topics from Ms. Gerfen's presentation, and asked questions about plant maintenance plans and audits.

Mr. Kenny next presented on the Utility's Enhanced Vegetation Management (EVM) program, referring to Committee materials, including progress on the EVM targets in the 2022 Wildfire Mitigation Plan. He highlighted the improvement in quality of work execution, specifically on the first pass rate and EVM quality verification rate. The Committee discussed and asked questions about the presentation.

SAFETY AND NUCLEAR OVERSIGHT COMMITTEE
PG&E CORPORATION – September 14, 2022

At this point, Mr. Kenny left the meeting and Christine Cowser joined the meeting by videoconference.

Referring to Committee materials, Ms. Cowser presented on the gas loss of containment risk. She described the progress in exposure risk reduction since 2021 due to ongoing mitigation strategies, investment plans for both gas and non-gas risk mitigation programs, and continued engagement with state regulators on gas storage regulations. The Committee asked questions and discussed, among other things, learnings from the 2015 Aliso Canyon incident, asset data management, and public awareness programs.

Ms. Cowser left the meeting and Janisse Quiñones, Dave Ritzman, and Steve Rigbey, PG&E Dam Safety Advisory Board Member, entered the meeting. Jan Nimick joined the meeting by videoconference.

Referring to Committee materials, Ms. Quiñones provided an update on the risk of a large, uncontrolled water release and began with an overview of the watersheds and dams within the PG&E's service area, including the dams' hazard levels. Mr. Rigbey next discussed the findings of the external audit of the Utility's Owner's Dam Safety Program Audit, which was provided to the Federal Energy Regulatory Commission in May 2022. The Committee discussed various aspects of the presentation and asked questions including, the maintenance backlog, physical asset inspections, and impacts from climate change. The Committee asked various questions and requested management provide a follow up presentation on dam safety at a future meeting.

Ms. Quiñones and Messrs. Ritzman, Rigbey, and Nimick left the meeting at this point. David Leach and Yusuf Ezzy entered the meeting by videoconference.

Mr. Waghray introduced Mr. Leach and informed the Committee about Mr. Leach's new role as the Utility's Chief Information Security Officer and how he plans to prioritize work and address gaps through operational technology. Mr. Leach, with the participation of Mr. Ezzy, led a discussion on the annual cybersecurity strategy, referring to Committee materials. The Committee discussed and asked questions about the presentation.

Following the discussion, Messrs. Leach and Ezzy left the meeting.

Ms. Campbell then referred to the minutes of the joint SNO/Audit Committees meeting held on April 26, 2022, and the Committee meeting held on June 15, 2022, which were included in the Committee materials. On motion made and seconded, the minutes were approved.

Ms. Poppe, Mr. Wright, Mr. Foster, Mr. Simon, Mr. Singh, Ms. Gerfen, Mr. Waghray, Ms. Crawford, Ms. Kan, and Mr. Filsinger left the meeting, and the Committee continued in executive session discussing matters reflected on the agenda.

SAFETY AND NUCLEAR OVERSIGHT COMMITTEE
PG&E CORPORATION – September 14, 2022

There being no further business presented for action, on motion made, seconded, and carried, the meeting was adjourned at 10:10 a.m.

LISA J. CRAWFORD
Secretary

SAFETY AND NUCLEAR OVERSIGHT COMMITTEE OF THE
BOARD OF DIRECTORS OF PACIFIC GAS AND ELECTRIC COMPANY
September 14, 2022

A meeting of the Safety and Nuclear Oversight (SNO) Committee of the Board of Directors of Pacific Gas and Electric Company (Utility) was held at Diablo Canyon Power Plant (DCPP), Avila Beach, California, on Wednesday, September 14, 2022, at 8:00 a.m. Pacific Time. The meeting was held concurrently with a meeting of the PG&E Corporation (Corporation, and together with the Utility, the Companies) SNO Committee.

SNO Committee members Cheryl F. Campbell, Jessica L. Denecour, W. Craig Fugate, Michael R. Niggli, and William L. Smith were present. Mark E. Ferguson III attended by videoconference as permitted by the Corporation's Bylaws. No Committee members were absent. Other directors present were Robert C. Flexon, Kerry W. Cooper, Arno L. Harris, and Carlos M. Hernandez.

Also present at the beginning of the meeting were Patricia K. Poppe, Adam L. Wright, Christopher A. Foster, John R. Simon, Sumeet Singh, Paula A. Gerfen, Ajay Waghray, Jenny Kan, and Lisa J. Crawford. Also participating by videoconference at the beginning of the meeting were Peter Kenny and Todd W. Filsinger, Operational Observer, Filsinger Energy Partners.

Quorum present, Ms. Campbell, Chair, presided over the meeting. Ms. Crawford served as secretary of the meeting and Ms. Kan opened the meeting with a situational safety briefing.

Mr. Singh began with a moment of silence for a contractor who had passed away since the previous Committee meeting. Referring to the materials that were provided to the Committee in advance of the meeting and that are included in the records of this Committee ("Committee materials"), he provided an update on the Companies' safety performance, including year-over-year serious injury and fatality (SIF) trends, recent SIF incidents, and an overview of induction incidents and countermeasures. The Committee asked questions and discussed, among other things, risk-based models and artificial intelligence, speak up culture in the field, and safety procedure benchmarking with other industries.

Referring to Committee materials, Ms. Gerfen gave a presentation on nuclear performance at DCPP, including updates on the Unit 1 forced outage root cause evaluation, the Nuclear Regulatory Commission, and status of a core damaging event risk, along with other operational updates. The Committee discussed various topics from Ms. Gerfen's presentation, and asked questions about plant maintenance plans and audits.

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SAFETY AND NUCLEAR OVERSIGHT COMMITTEE
PACIFIC GAS AND ELECTRIC COMPANY – September 14, 2022

At this point, Mr. Kenny left the meeting and Christine Cowser joined the meeting by videoconference.

Referring to Committee materials, Ms. Cowser presented on the gas loss of containment risk. She described the progress in exposure risk reduction since 2021 due to ongoing mitigation strategies, investment plans for both gas and non-gas risk mitigation programs, and continued engagement with state regulators on gas storage regulations. The Committee asked questions and discussed, among other things, learnings from the 2015 Aliso Canyon incident, asset data management, and public awareness programs.

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Ms. Quiñones and Messrs. Ritzman, Rigbey, and Nimick left the meeting at this point. David Leach and Yusuf Ezzy entered the meeting by videoconference.

Mr. Waghray introduced Mr. Leach and informed the Committee about Mr. Leach's new role as the Utility's Chief Information Security Officer and how he plans to prioritize work and address gaps through operational technology. Mr. Leach, with the participation of Mr. Ezzy, led a discussion on the annual cybersecurity strategy, referring to Committee materials. The Committee discussed and asked questions about the presentation.

Following the discussion, Messrs. Leach and Ezzy left the meeting.

Ms. Campbell then referred to the minutes of the joint SNO/Audit Committees meeting held on April 26, 2022, and the Committee meeting held on June 15, 2022, which were included in the Committee materials. On motion made and seconded, the minutes were approved.

Ms. Poppe, Mr. Wright, Mr. Foster, Mr. Simon, Mr. Singh, Ms. Gerfen, Mr. Waghray, Ms. Crawford, Ms. Kan, and Mr. Filsinger left the meeting, and the Committee continued in executive session discussing matters reflected on the agenda.

SAFETY AND NUCLEAR OVERSIGHT COMMITTEE
PACIFIC GAS AND ELECTRIC COMPANY – September 14, 2022

There being no further business presented for action, on motion made, seconded, and carried, the meeting was adjourned at 10:10 a.m.

LISA J. CRAWFORD
Secretary

PRIVILEGED AND CONFIDENTIAL¹
BOARD MEETING – September 15, 2022
PG&E CORPORATION

A regular meeting of the Board of Directors of PG&E Corporation (Corporation) was held at Diablo Canyon Power Plant, Avila Beach, California, on Thursday, September 15, 2022 at 8:00 AM Pacific Time. The meeting was held concurrently with a meeting of the Pacific Gas and Electric Company (Utility and, together with the Corporation, the Companies or PG&E) Board of Directors.

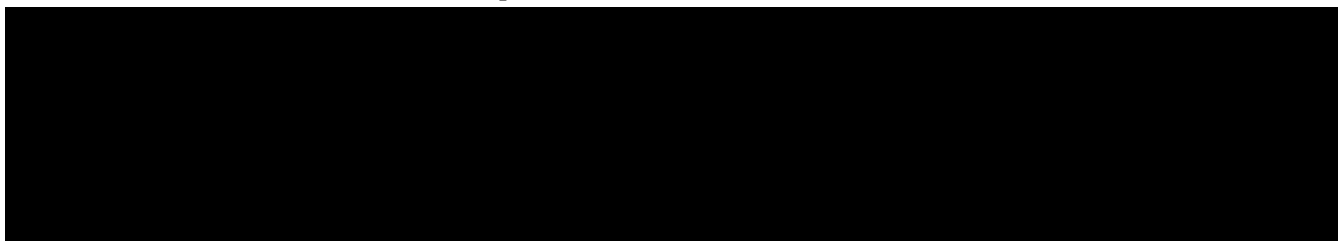
Present at the beginning of the meeting were directors Rajat Bahri, Cheryl F. Campbell, Kerry W. Cooper, Jessica L. Denecour, Robert C. Flexon, W. Craig Fugate, Arno L. Harris, Carlos M. Hernandez, Michael R. Niggli, Patricia K. Poppe, Dean L. Seavers, William L. Smith, and Benjamin F. Wilson. Mark E. Ferguson III attended by videoconference as permitted by the Corporation’s Bylaws.

Also present were Julius Cox, Christopher A. Foster, Jason M. Glickman, Carla J. Peterman, Marlene M. Santos, John R. Simon, Sumeet Singh, Ajay Waghray, Alejandro Vallejo, Brian M. Wong, J. Ellen Conti, and Jenny Kan.

Quorum present, Mr. Flexon, Chair of the Board of the Corporation, presided as chair of the concurrent meeting. Mr. Wong served as secretary of the meeting.

Mr. Wong opened the meeting with a situational safety briefing. Mr. Flexon shared recent announcements about certain Board members.

[THE FOLLOWING PARAGRAPH CONTAINS ATTORNEY-CLIENT PRIVILEGED AND CONFIDENTIAL INFORMATION.]



[END OF PRIVILEGED AND CONFIDENTIAL INFORMATION.]

Following the discussion, Mr. Vallejo left the meeting and David Thomason entered the meeting.

Referring to materials that had been provided to the directors in advance of the meeting and that are included in the records of this Board (“Board materials”), Mr. Foster, with the participation of Mr. Thomason, gave a financial update on the core earnings forecast, recent market performance, and sentiment among the investor community. The directors asked questions and discussed, among other things, leadership changes within the Fire Victim Trust.

¹ Certain portions of these minutes are attorney-client privileged and confidential, and are identified as such.

BOARD MEETING – September 15, 2022
PG&E CORPORATION

Next, Mr. Foster, with the participation of Mr. Thomason, provided a summary of the Companies' five-year financial outlook, as described in the Board materials. The directors asked questions and discussed, among other things, assumptions about rate case outcomes, inflation, and financing needs.

During the prior discussion, Adam L. Wright entered the meeting. Following the discussion, Mr. Thomason left the meeting and Todd W. Filsinger, Operational Observer, Filsinger Energy Partners joined the meeting by videoconference.

Referring to Board materials, Mr. Singh gave a safety training on induction incidents and how PG&E's Keys to Life are being utilized to prevent electrical safety incidents. Directors asked questions, and a discussion ensued.

Next, Mr. Singh provided a wildfire risk update, including year-over-year CPUC Reportable Fire Ignitions trends and Red Flag weather conditions, and year-to-date Enhanced Powerline Safety Settings performance, which is reflected in the Board materials. Directors asked questions and discussed various aspects of Mr. Singh's presentation, including SmartMeter data, the role of climate change, and data storage.

At this point, Fong Wan and Gillian Clegg entered the meeting.

Referring to Board materials, Mr. Glickman gave an overview of the Companies' True North Strategy (TNS) energy system goal to deliver decarbonization at the lowest societal cost. Mr. Wan and Ms. Clegg led a discussion on PG&E's supply and load strategy, a key part of the TNS. They explained the historical load growth in California and in PG&E's service area, as well as the forecasted load growth from electrification of vehicles and buildings. Ms. Clegg discussed the Utility's plans to procure a diverse portfolio of utility-scale clean energy and advanced load management solutions to serve customers' energy needs in the future. The directors asked questions and discussed, among other things, the role of wind energy, long distance transmission lines, and learnings from other industries.

Mr. Wan and Ms. Clegg left the meeting at this point and after a brief recess, Barry (Joe) J. Bentley and Martin Wyspianski entered the meeting.

Referring to Board materials, Mr. Bentley, with the participation of Mr. Wyspianski, led a discussion on the Utility's electric transmission and distribution investment plan, a key part of the TNS. Mr. Bentley shared the primary objectives for the electric grid, which center around reducing wildfire risk and increasing climate resiliency, enabling electrification and distributed resources, and reducing outage impacts for customers. Directors asked questions, and a discussion ensued.

After the discussion, Messrs. Bentley, Wyspianski, and Filsinger left the meeting. Aaron August entered the meeting and Lydia Krefta joined the meeting by videoconference.

BOARD MEETING – September 15, 2022
PG&E CORPORATION

Referring to Board materials, Mr. August, with the participation of Ms. Krefta, provided an overview of how the Utility plans to utilize the growth of Electric Vehicles (EVs) to contribute to the TNS energy system decarbonization goal. They explained that EVs can improve system economics for all customers and provide the triple value stack of emissions, reliability, and resiliency benefits, if managed properly. The directors asked questions and discussed, among other things, customer price signals, partnerships with companies in the EV industry, and assumptions in the forecasted scenarios.

During the presentation, Ms. Santos left the meeting. Following the discussion, Mr. August and Ms. Krefta left the meeting.

Mr. Ferguson, Chair of the Corporation's People and Compensation Committee, reported on the key topics discussed at the Committee's most recent meeting.

Mr. Ferguson discussed and presented the Committee's recommendations regarding a proposal to enable the Corporation to increase tax withholdings relating to the PG&E Corporation Chief Executive Officer's January 2022 receipt of vested shares pursuant to a March 2021 non-annual restricted stock unit award granted in connection with the officer's hiring (Vested Awards), as presented in materials provided to the Committee and the Boards, and discussed with management and other Board members. Following such presentation, and considering discussions with and information presented to the Board members by management, the independent members of the Board approved actions relating to increasing tax withholdings relating to the Vested Awards, as presented and discussed (see Attachment B), as the Board considers such actions to be consistent with the initial expectations of all parties when entering into the Award and in the best interests of the Corporation.

Mr. Seavers, Chair of the Corporation's Finance and Innovation Committee, led a discussion on the Committee's recommendations that the Boards concur with an increase to the 2022 capital expenditures budget of \$349 million. He invited questions and discussion on this recommendation.

After discussion, on motion made and seconded, the Boards concurred with an increase to the 2022 capital expenditures budget of \$349 million, as presented.

Ms. Denecour, Chair of the Corporation's Sustainability and Governance Committee, reported on the actions taken and key topics discussed at the Committee's most recent meeting. She reported that, among other matters, the Committee reviewed and agreed to recommend that the Boards approve amendments to their respective Corporate Governance Guidelines to clarify (1) that the scope of the annual Board evaluation process may also include review of performance for the Independent Chair, and (2) the role of Board Committee Chairs in communicating performance evaluation results to the applicable company's chief executive officer(s). She invited questions and discussion on this recommendation.

BOARD MEETING – September 15, 2022
PG&E CORPORATION

After discussion, on motion made and seconded, the Boards approved the proposed amendments to their respective Corporate Governance Guidelines, as presented. Ms. Denecour also reported that the Committee reviewed a letter provided by Board member Rajat Bahri, detailing a change in employment, included in Committee materials. The Committee discussed the suitability of Mr. Bahri remaining on the Board and determined that Mr. Bahri should remain on the Board. The Committee unanimously agreed not to request Mr. Bahri's resignation.

Ms. Campbell, Chair of the Corporation's Safety and Nuclear Oversight (SNO) Committee, presented the committee's second quarter 2022 report to the Board on the Utility's progress against its 2022 Wildfire Mitigation Plan. This included a discussion of materials that had been provided to the directors in advance of the meeting and that are included in the records of this Board. The directors asked questions, and a discussion ensued.

Mr. Wong presented consent items regarding (i) approval of the minutes of the Boards' prior meetings, and (ii) election of Jenny Kan as Assistant Corporate Secretary, all as described in the materials that had been provided to the directors in advance of the meeting and that are included in the records of this Board.

On motion made and seconded, the Board (i) approved the minutes of the Board meetings held on May 19, 2022, June 16, 2022, and July 1, 2022, and the minutes of the Annual Shareholder Meeting held on May 19, 2022, and (ii) adopted a resolution electing an Assistant Corporate Secretary (see Resolution 2 in Attachment A).

At this point, Mr. Wright, Mr. Cox, Mr. Foster, Mr. Glickman, Ms. Peterman, Ms. Santos, Mr. Simon, Mr. Singh, Mr. Waghray, Mr. Wong, Ms. Conti, and Ms. Kan left the meeting, and the Board continued in executive session.

Mr. Wong was recalled and informed that the directors continued their discussion regarding matters reflected on the agenda, and with Ms. Poppe absent, the independent directors met in executive session to discuss various matters. There being no further business presented for action, on motion made and seconded, the meeting was adjourned at 2:40 p.m.

BRIAN M. WONG
Secretary

BOARD MEETING – September 15, 2022
PG&E CORPORATION

ATTACHMENT A

Resolution 1

BE IT RESOLVED that Jenny Kan is hereby elected Assistant Corporate Secretary, effective September 15, 2022.

ATTACHMENT B

1. Amend the Non-Annual Restricted Stock Unit Award Agreement dated March 3, 2021, between PG&E Corporation and Patricia K. Poppe (Award Agreement) to provide additional flexibility for PG&E Corporation to determine the number of shares to be withheld by or delivered to the Corporation in order to satisfy applicable statutory withholding rates in connection with the awards (Withheld Shares), as presented, provided that Ms. Poppe consents to such amendment to the Award Agreement.
2. Authorize any actions required to effectuate the Corporation's receipt of shares from Ms. Poppe in connection with additional tax withholding authorized by the previously described amendment to the Award Agreement, with the value of such transferred shares determined based on the closing price of shares of PG&E Corporation common stock on the New York Stock Exchange as of the effective date of this Board action, as presented;
3. Authorize remittance and reporting to the California Franchise Tax Board of additional tax withholdings pursuant to the aforementioned amendment to the Award Agreement and share transfer, as presented;
4. Grant an exemption to the Corporation's Insider Trading Policy, to the extent such Policy could be interpreted to limit Ms. Poppe's ability to freely transfer shares to the Corporation in the proposed a non-market transaction relating to the aforementioned share transfer;
5. Provide Ms. Poppe with additional compensation equal to the value of any penalty imposed upon Ms. Poppe as an individual tax filer, resulting from the Corporation's remittance of additional deposits to reflect the additional withholdings described above, and as determined and confirmed by PG&E Corporation's senior human resources officer, as presented;
6. Authorize PG&E Corporation's senior human resources officer to direct the preparation and implementation of such amendments to the Award Agreement, calculation of additional compensation as authorized above (with a report to the Committee of the timing and amount of such compensation following delivery), and any other actions deemed necessary or appropriate to implement the above, as presented to the Board; and
7. Authorize the officers of the Corporation and their delegates, for and on behalf of the Corporation, to take any and all actions in furtherance of the foregoing resolutions as they deem, in their judgment, necessary, advisable, or appropriate to implement the above.

PRIVILEGED AND CONFIDENTIAL¹
BOARD MEETING – September 15, 2022
PACIFIC GAS AND ELECTRIC COMPANY

A regular meeting of the Board of Directors of Pacific Gas and Electric Company (Utility) was held at Diablo Canyon Power Plant, Avila Beach, California, on Thursday, September 15, 2022 at 8:00 AM Pacific Time. The meeting was held concurrently with a meeting of the PG&E Corporation (Corporation and, together with the Utility, the Companies or PG&E) Board of Directors.

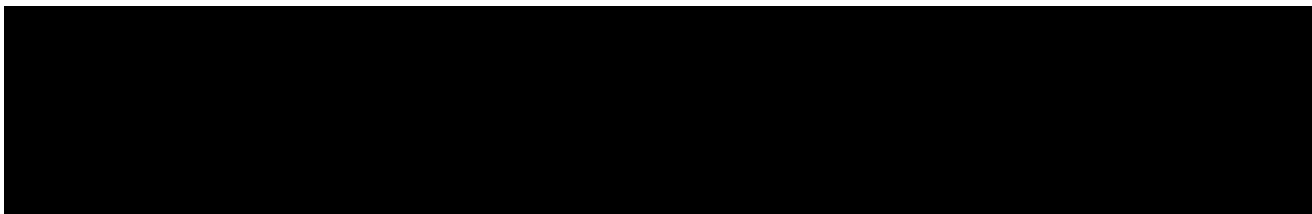
Present at the beginning of the meeting were directors Rajat Bahri, Cheryl F. Campbell, Kerry W. Cooper, Jessica L. Denecour, Robert C. Flexon, W. Craig Fugate, Arno L. Harris, Carlos M. Hernandez, Michael R. Niggli, Patricia K. Poppe, Dean L. Seavers, William L. Smith, and Benjamin F. Wilson. Mark E. Ferguson III attended by videoconference as permitted by the Utility's Bylaws.

Also present were Julius Cox, Christopher A. Foster, Jason M. Glickman, Carla J. Peterman, Marlene M. Santos, John R. Simon, Sumeet Singh, Ajay Waghray, Alejandro Vallejo, Brian M. Wong, J. Ellen Conti, and Jenny Kan.

Quorum present, Mr. Flexon, Chair of the Board of the Corporation, presided as chair of the concurrent meeting. Mr. Wong served as secretary of the meeting.

Mr. Wong opened the meeting with a situational safety briefing. Mr. Flexon shared recent announcements about certain Board members.

[THE FOLLOWING PARAGRAPH CONTAINS ATTORNEY-CLIENT PRIVILEGED AND CONFIDENTIAL INFORMATION.]



[END OF PRIVILEGED AND CONFIDENTIAL INFORMATION.]

Following the discussion, Mr. Vallejo left the meeting and David Thomason entered the meeting.

Referring to materials that had been provided to the directors in advance of the meeting and that are included in the records of this Board ("Board materials"), Mr. Foster, with the participation of Mr. Thomason, gave a financial update on the core earnings forecast, recent market performance, and sentiment among the investor community. The directors asked questions and discussed, among other things, leadership changes within the Fire Victim Trust.

¹ Certain portions of these minutes are attorney-client privileged and confidential, and are identified as such.

BOARD MEETING – September 15, 2022
PACIFIC GAS AND ELECTRIC COMPANY

Next, Mr. Foster, with the participation of Mr. Thomason, provided a summary of the Companies' five-year financial outlook, as described in the Board materials. The directors asked questions and discussed, among other things, assumptions about rate case outcomes, inflation, and financing needs.

During the prior discussion, Adam L. Wright entered the meeting. Following the discussion, Mr. Thomason left the meeting and Todd W. Filsinger, Operational Observer, Filsinger Energy Partners joined the meeting by videoconference.

Referring to Board materials, Mr. Singh gave a safety training on induction incidents and how PG&E's Keys to Life are being utilized to prevent electrical safety incidents. Directors asked questions, and a discussion ensued.

Next, Mr. Singh provided a wildfire risk update, including year-over-year CPUC Reportable Fire Ignitions trends and Red Flag weather conditions, and year-to-date Enhanced Powerline Safety Settings performance, which is reflected in the Board materials. Directors asked questions and discussed various aspects of Mr. Singh's presentation, including SmartMeter data, the role of climate change, and data storage.

At this point, Fong Wan and Gillian Clegg entered the meeting.

Referring to Board materials, Mr. Glickman gave an overview of the Companies' True North Strategy (TNS) energy system goal to deliver decarbonization at the lowest societal cost. Mr. Wan and Ms. Clegg led a discussion on PG&E's supply and load strategy, a key part of the TNS. They explained the historical load growth in California and in PG&E's service area, as well as the forecasted load growth from electrification of vehicles and buildings. Ms. Clegg discussed the Utility's plans to procure a diverse portfolio of utility-scale clean energy and advanced load management solutions to serve customers' energy needs in the future. The directors asked questions and discussed, among other things, the role of wind energy, long distance transmission lines, and learnings from other industries.

Mr. Wan and Ms. Clegg left the meeting at this point and after a brief recess, Barry (Joe) J. Bentley and Martin Wyspianski entered the meeting.

Referring to Board materials, Mr. Bentley, with the participation of Mr. Wyspianski, led a discussion on the Utility's electric transmission and distribution investment plan, a key part of the TNS. Mr. Bentley shared the primary objectives for the electric grid, which center around reducing wildfire risk and increasing climate resiliency, enabling electrification and distributed resources, and reducing outage impacts for customers. Directors asked questions, and a discussion ensued.

After the discussion, Messrs. Bentley, Wyspianski, and Filsinger left the meeting. Aaron August entered the meeting and Lydia Krefta joined the meeting by videoconference.

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Referring to Board materials, Mr. August, with the participation of Ms. Krefta, provided an overview of how the Utility plans to utilize the growth of Electric Vehicles (EVs) to contribute to the TNS energy system decarbonization goal. They explained that EVs can improve system economics for all customers and provide the triple value stack of emissions, reliability, and resiliency benefits, if managed properly. The directors asked questions and discussed, among other things, customer price signals, partnerships with companies in the EV industry, and assumptions in the forecasted scenarios.

During the presentation, Ms. Santos left the meeting. Following the discussion, Mr. August and Ms. Krefta left the meeting.

Mr. Ferguson, Chair of the Corporation's People and Compensation Committee, reported on the key topics discussed at the Committee's most recent meeting. He reported that, among other matters, the Committee reviewed and agreed to recommend that the Utility Board approve the election of Shilpa Ramaiya as Vice President, Corporate Affairs, and Gillian E. Clegg as Vice President, Energy Procurement. He invited questions and discussion on this recommendation.

On motion made and seconded, the Board approved the election of Shilpa Ramaiya and Gillian E. Clegg, as presented.

Mr. Ferguson next discussed and presented the Committee's recommendations regarding a proposal to enable the Corporation to increase tax withholdings relating to the PG&E Corporation Chief Executive Officer's January 2022 receipt of vested shares pursuant to a March 2021 non-annual restricted stock unit award granted in connection with the officer's hiring (Vested Awards), as presented in materials provided to the Committee and the Boards, and discussed with management and other Board members.

Mr. Seavers, Chair of the Corporation's Finance and Innovation Committee, led a discussion on the Committee's recommendations that (i) the Utility Board (1) declare a cash dividend on the Utility's common stock for the third quarter of 2022, in the aggregate amount of \$425 million, from the Utility's retained earnings, to be payable to the common shareholder, PG&E Corporation (Corporation), no later than September 30, 2022, and (2) declare the regular preferred stock dividend for the three-month period ending October 31, 2022, to be payable on November 15, 2022, to shareholders of record on October 31, 2022, and (ii) the Boards concur with an increase to the 2022 capital expenditures budget of \$349 million. He invited questions and discussion on these recommendations.

After discussion, on motion made and seconded, (i) the Utility Board (1) declared a cash dividend on the Utility's common stock for the third quarter of 2022 (see Resolution 1 in Attachment A), and (2) declared the regular preferred stock dividend for the three-month period

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ending October 31, 2022 (see Resolution 2 in Attachment A), and (ii) the Boards concurred with an increase to the 2022 capital expenditures budget of \$349 million, as presented.

Ms. Denecour, Chair of the Corporation's Sustainability and Governance Committee, reported on the actions taken and key topics discussed at the Committee's most recent meeting. She reported that, among other matters, the Committee reviewed and agreed to recommend that the Boards approve amendments to their respective Corporate Governance Guidelines to clarify (1) that the scope of the annual Board evaluation process may also include review of performance for the Independent Chair, and (2) the role of Board Committee Chairs in communicating performance evaluation results to the applicable company's chief executive officer(s). She invited questions and discussion on this recommendation.

After discussion, on motion made and seconded, the Boards approved the proposed amendments to their respective Corporate Governance Guidelines, as presented. Ms. Denecour also reported that the Committee reviewed a letter provided by Board member Rajat Bahri, detailing a change in employment, included in Committee materials. The Committee discussed the suitability of Mr. Bahri remaining on the Board and determined that Mr. Bahri should remain on the Board. The Committee unanimously agreed not to request Mr. Bahri's resignation.

Ms. Campbell, Chair of the Utility's Safety and Nuclear Oversight (SNO) Committee, presented the committee's second quarter 2022 report to the Board on the Utility's progress against its 2022 Wildfire Mitigation Plan. This included a discussion of materials that had been provided to the directors in advance of the meeting and that are included in the records of this Board. The directors asked questions, and a discussion ensued.

Mr. Wong presented consent items regarding (i) approval of the minutes of the Boards' prior meetings, and (ii) election of Jenny Kan as Assistant Corporate Secretary, all as described in the materials that had been provided to the directors in advance of the meeting and that are included in the records of this Board.

On motion made and seconded, the Board (i) approved the minutes of the Board meetings held on May 19, 2022, June 16, 2022, and July 1, 2022, and the minutes of the Annual Shareholder Meeting held on May 19, 2022, and (ii) adopted a resolution electing an Assistant Corporate Secretary (see Resolution 2 in Attachment A).

At this point, Mr. Wright, Mr. Cox, Mr. Foster, Mr. Glickman, Ms. Peterman, Ms. Santos, Mr. Simon, Mr. Singh, Mr. Waghray, Mr. Wong, Ms. Conti, and Ms. Kan left the meeting, and the Board continued in executive session.

Mr. Wong was recalled and informed that the directors continued their discussion regarding matters reflected on the agenda, and with Ms. Poppe absent, the independent directors

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met in executive session to discuss various matters. There being no further business presented for action, on motion made and seconded, the meeting was adjourned at 2:40 p.m.

BRIAN M. WONG
Secretary

ATTACHMENT A

Resolution 1

WHEREAS, the Board of Directors of Pacific Gas and Electric Company (the “Board”) has adopted the Restated Articles of Incorporation establishing rights to payment of dividends on this company’s preferred stock;

WHEREAS, the Board previously has agreed to the conditions set forth in Ordering Paragraphs 1 through 23, inclusive, of Decision No. 96 11 017, as modified by Decision No. 99 04 068, issued by the California Public Utilities Commission (the “Commission” or “CPUC”) approving the formation of a holding company structure (the “Holding Company Conditions”);

WHEREAS, Holding Company Condition 11 and CPUC Affiliate Transaction Rule IX.B. require (i) that this company maintain a balanced capital structure consistent with that determined to be reasonable by the Commission in its most recent decision on the company’s capital structure, (ii) that the company shall maintain sufficient equity such that the Commission’s adopted capital structure for the company shall be maintained on average over the period that the capital structure is in effect for ratemaking purposes, and (iii) that the company file an application with the Commission for a waiver if an adverse financial event reduces the company’s equity ratio by one percent (1%) or more;

WHEREAS, the Commission previously authorized a common equity ratio of 52 percent, a preferred equity ratio of 0.5 percent, and a debt ratio of 47.5 percent for this company for the period that the Commission’s adopted capital structure for the company is in effect for ratemaking purposes;

WHEREAS, in connection with approving this company’s reorganization plan in Decision No. 20-05-053 (the “Decision”), the Commission granted this company a limited waiver from its authorized capital structure for a period of five years from the date of the Decision, which was May 28, 2020, subject to the terms of the Decision and the further clarification regarding the requirements of the waiver explained in Decision No. 20-12-025;

WHEREAS, Holding Company Condition 12 requires that the Board establish the dividend policy of this company as though the company were a comparable stand-alone utility company;

WHEREAS, the Executive Vice President, Operations and Chief Operating Officer and the Vice President, Chief Financial Officer and Controller of this company have certified to the Board that the declaration and payment of a cash dividend on the company’s preferred stock as specified in this company’s Restated Articles of Incorporation for dividends

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that will be accrued during the three-month period ending October 31, 2022 comply with or do not violate said Holding Company Conditions, to the extent applicable, and are in compliance with the requirements of the California Corporations Code relating to distributions to shareholders, including Sections 500 and 501, and are in compliance with the company's Restated Articles of Incorporation, and this company is in compliance with the terms of the limited capital structure waiver granted in the Decision and further clarified in Decision No. 20-12-025; and

WHEREAS, the Board has relied on said certificate in taking the actions authorized by this resolution, and, after giving effect to the payment of the dividend declared pursuant to this resolution, the Board has determined that this company has sufficient capital to fulfill its obligations to serve and to operate in a prudent and efficient manner, and that the declaration and payment of a cash dividend on the company's preferred stock otherwise comply with or do not violate said Holding Company Conditions, to the extent applicable, are in compliance with the requirements of the California Corporations Code relating to distributions to preferred shareholders, including Sections 500 and 501, and are in compliance with this company's Restated Articles of Incorporation;

NOW, THEREFORE, BE IT RESOLVED that a cash dividend is hereby declared from the company's retained earnings in the amount of \$3,479,079.32 for dividends that will be accrued during the three-month period ending October 31, 2022, equal to one-fourth of the respective percentage of par value thereof per annum which may be adjusted for rounding and which is prescribed in this company's Restated Articles of Incorporation, including the certificates of determination of preferences, for its fully paid shares of outstanding First Preferred Stock, and that such cash dividend shall be payable on the 15th day of November 2022 for dividends that will be accrued during the three-month period ending October 31, 2022 to those persons who at the close of business on the 31st day of October 2022 are the owners and holders of record upon the books of this company of such stock, or to their respective executors, administrators, or assigns; and

BE IT FURTHER RESOLVED that the officers, counsel, and Transfer Agent of this company are hereby authorized, jointly and severally, to take such action and execute such agreements and documents on behalf of this company as may in their judgment be necessary, convenient, or appropriate to carry out the foregoing resolution.

Resolution 2

WHEREAS, at its June 16, 2022 meeting, this Board of Directors reinstated this company's existing common stock dividend policy and approved a target payout ratio range;

WHEREAS, the Board approved the resumption of payment of dividends on this company's common stock;

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WHEREAS, the Board has determined that it is appropriate and in the best interests of this company to continue the payment of dividends on its common stock;

WHEREAS, in connection with approving the holding company structure in Decision No. 96 11 017, as modified by Decision No. 99 04 068, the California Public Utilities Commission (the “Commission” or “CPUC”) imposed certain conditions (the “Holding Company Conditions”) relating to the financial and operational integrity of this company, including those referred to below;

WHEREAS, Holding Company Condition 11 and CPUC Affiliate Transaction Rule IX.B. require (i) that this company maintain a balanced capital structure consistent with that determined to be reasonable by the Commission in its most recent decision on the company’s capital structure, (ii) that the company shall maintain sufficient equity such that the Commission’s adopted capital structure for the company shall be maintained on average over the period the capital structure is in effect for ratemaking purposes, and (iii) that the company file an application with the Commission for a waiver if an adverse financial event reduces the company’s equity ratio by one percent (1%) or more;

WHEREAS, the Commission previously authorized a common equity ratio of 52 percent, a preferred equity ratio of 0.5 percent, and a debt ratio of 47.5 percent for this company for the period that the Commission’s adopted capital structure for the company is in effect for ratemaking purposes;

WHEREAS, in connection with approving this company’s reorganization plan in Decision No. 20-05-053 (the “Decision”), the Commission granted this company a limited waiver from its authorized capital structure for a period of five years from the date of the Decision, which was May 28, 2020, subject to the terms of the Decision and the further clarification regarding the requirements of the waiver explained in Decision No. 20-12-025;

WHEREAS, Holding Company Condition 12 requires that the Board establish the dividend policy of this company as though the company were a comparable stand-alone utility company, and the declaration and payment of the dividend authorized by this resolution have been determined on that basis;

WHEREAS, Holding Company Condition 14 requires that the PG&E Corporation Board of Directors give first priority to this company’s capital requirements, as determined to be necessary and prudent to meet the company’s obligation to serve or to operate the company in a prudent and efficient manner;

WHEREAS, the Executive Vice President, Operations and Chief Operating Officer and the Vice President, Chief Financial Officer and Controller of this company have certified to this Board that the declaration and payment of a cash dividend on the company’s common stock comply with or do not violate said Holding Company Conditions, to the extent

BOARD MEETING – September 15, 2022
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applicable, are in compliance with the requirements of the California Corporations Code relating to distributions to shareholders, including Sections 500 and 501, and are in compliance with the company's Restated Articles of Incorporation, and this company is in compliance with the terms of the limited capital structure waiver granted in the Decision and further clarified in Decision No. 20-12-025; and

WHEREAS, the Board has relied on said certificate in taking the actions authorized by this resolution, and, after giving effect to the payment of the dividend declared pursuant to this resolution, the Board has determined that this company has sufficient capital to fulfill its obligations to serve and to operate in a prudent and efficient manner, and that the declaration and payment of a cash dividend on the company's common stock otherwise comply with or do not violate said Holding Company Conditions, to the extent applicable, are in compliance with the requirements of the California Corporations Code relating to distributions to shareholders, including Sections 500 and 501, and are in compliance with this company's Restated Articles of Incorporation;

NOW, THEREFORE, BE IT RESOLVED that the Board approves the cash dividend payments on this company's common stock;

BE IT FURTHER RESOLVED that a cash dividend in the aggregate amount of \$425 million is hereby declared on this company's common stock for the 3rd quarter of 2022, from the company's retained earnings, and that such cash dividend shall be payable no later than the 30th day of September 2022 to those persons who at the start of business on such date are the owners and holders of record upon the books of this company of such stock, or to their respective executors, administrators, or assigns; and

BE IT FURTHER RESOLVED that the officers, counsel, and Transfer Agent of this company are hereby authorized, jointly and severally, to take such action and execute such agreements and documents on behalf of this company as may in their judgment be necessary, convenient, or appropriate to carry out the foregoing resolution.

Resolution 3

BE IT RESOLVED that Jenny Kan is hereby elected Assistant Corporate Secretary, effective September 15, 2022.

AUDIT COMMITTEE OF THE
BOARD OF DIRECTORS OF
PG&E CORPORATION

October 25, 2022

A meeting of the Audit Committee of the Board of Directors of PG&E Corporation (Corporation) was held by videoconference on Tuesday, October 25, 2022, at 8:00 a.m., Pacific Time. The meeting was held concurrently with a meeting of the Pacific Gas and Electric Company (Utility, and together with the Corporation, the Companies) Audit Committee and meetings of the Companies' Safety and Nuclear Oversight (SNO) Committees (and together with the Audit Committee, the Committees).

Audit Committee members present were Rajat Bahri, Arno L. Harris, Carlos M. Hernandez, and Benjamin F. Wilson. Robert C. Flexon was absent. SNO Committee members present were Cheryl F. Campbell, Jessica L. Denecour, W. Craig Fugate, Mark E. Ferguson, III, Michael R. Niggli, and William L. Smith.

Also in attendance at the beginning of the meeting were directors Kerry W. Cooper, Patricia K. Poppe, and Adam L. Wright, in addition to, Christopher A. Foster, John R. Simon, Sumeet Singh, Ajay Waghay, Stephen J. Cairns, David S. Thomason, Christopher A. Pezzola, Alejandro T. Vallejo, Brian M. Wong, Hank T. Weintraub, Jenny Kan, Lisa J. Crawford, and J. Ellen Conti, along with Sujit Bhattacharya of Filsinger Energy Partners and Amy Parker, Ellen Basilico, and Kim Felker of Deloitte and Touche (D&T).

Quorum present, Mr. Wilson, Chair of the Audit Committees, presided over the meeting. Ms. Crawford served as secretary of the meeting and gave a situational safety message at the beginning of the meeting.

BEGINNING OF JOINT AUDIT AND SNO COMMITTEES MEETING

Mr. Pezzola, referring to materials that had been provided to the Committees' members in advance of the meeting and that are included in the records of this Committee ("Committee materials") presented a report on results of audits performed by Internal Auditing during the second and third quarters of 2022. He discussed the results of these audits and the status of certain open issues as well as the completed key control advisory work over undergrounding WMP metrics, wildfire audit support, and Balch SIF-A. The Committee asked questions, including about the Companies' process to audit contractors and how contractor disciplinary issues are managed, and a discussion ensued.

AUDIT COMMITTEE MEETING
PG&E CORPORATION – October 25, 2022

Mr. Vallejo, referring to the Committee materials, provided an ethics and compliance update that included a report on, among other things, fraud allegations and progress made in closing out of aging fraud cases. He also discussed how the Companies successfully completed a North American Electric Reliability Corporation audit. He indicated the Western Electricity Coordinating Council noted improvement in the Companies' performance, transparency, collaboration, and audit readiness. The Committee discussed the presentation and asked questions, including the methods used to detect instances of fraud and the pursuit of criminal charges in certain fraud cases, and a discussion ensued.

Mr. Wright, referring to the Committee materials, provided an operational performance update which focused on improving leader and organizational effectiveness and the status of key performance indicators. The Committee asked various questions, and a discussion ensued.

END OF JOINT AUDIT AND SNO COMMITTEES MEETING AND
BEGINNING OF AUDIT COMMITTEES MEETING

Ms. Campbell, Ms. Denecour, Ms. Cooper, Mr. Fugate, Mr. Ferguson, III, Mr. Niggli, Mr. Smith, and Mr. Wright left the meeting. Mr. Waghray, Mr. Singh, Ms. Kan, and Mr. Bhattacharya also left the meeting. Mr. Fallon joined the meeting.

Quorum present, Mr. Wilson, Chair, continued to preside over the meeting and Ms. Crawford continued to serve as secretary of the meeting.

Mr. Thomason, referring to the Committee materials, reviewed the Companies' draft joint Quarterly Report on Form 10-Q for the period ended September 30, 2022 (Draft 10-Q). He noted key items discussed with D&T during the quarter and disclosures with respect to various issues, including the 2019 Kincadee fire, the 2020 Zogg fire, the 2021 Dixie fire, the 2022 Mosquito fire, securities litigation, asset retirement obligations, post-petition interest appeals to the Confirmation Order, voluntary separation program, new legislation, and the Utility's application for approval to transfer non-nuclear generation assets. He also discussed a comment letter from the staff of the Securities and Exchange Commission regarding the Companies' disclosures. The Committee asked various questions about the wildfires and the comment letter, and a discussion ensued.

Mr. Thomason, referring to the Committee materials, then reported on sections of the Companies' draft consolidated financial statements, including the condensed consolidated statements of income and balance sheets. He highlighted various sections of the Notes to the Condensed Consolidated Financial Statements and Management's Discussion and Analysis of Financial Condition and Results of Operations in the Draft 10-Q.

AUDIT COMMITTEE MEETING
PG&E CORPORATION – October 25, 2022

Mr. Fallon, referring to the Committee materials, discussed the draft earnings presentation and media earnings release for the third quarter earnings call with the financial community containing supplemental information relating to the Companies. The Committee asked questions, including regarding non-GAAP core earnings per share, and a discussion ensued.

Mr. Cairns, referring to the Committee materials, reported on management's conclusion that neither the Corporation nor the Utility had any significant deficiencies or material weaknesses in internal controls over financial reporting as of September 30, 2022.

Ms. Felker, referring to the Committee materials, reviewed D&T's quarterly review procedures and areas of focus for the third quarter. The Committee asked questions regarding D&T's audit of the Companies' draft quarterly financial statements, including the required communications outlined in the meeting materials, and a discussion ensued.

Mr. Thomason, with input from Ms. Felker and referring to the Committee materials, presented management's recommendation that the Committee authorize the proposed 2022 audit fees revision and audit related services fees summary which was revised to include services not previously contemplated in the December 14, 2021 Audit Committee fee authorization request.

Ms. Felker, Ms. Basilico, and Ms. Parker were excused from the meeting.

The Committee asked questions regarding the audit fees revision and discussed approving the revised fees. Upon motion, made and seconded the Committee approved the recommendation as presented.

Upon motion made and seconded, the previous minutes from the July 26, 2022 meetings were approved by the Committee.

The Committee acknowledged receipt of materials on the following matters prior to the meeting: (1) energy trading risk management report, (2) attorney reports under the Sarbanes-Oxley Act, (3) accounting complaints under the Sarbanes-Oxley Act, (4) report on independent public accountants' pre-approved audit and non-audit services and fees for 2022, (5) related party transaction quarterly report, (6) major commitments scorecard, and (7) the executive expense report.

Mr. Simon, Mr. Foster, Mr. Cairns, Mr. Thomason, Mr. Pezzola, Mr. Vallejo, and Mr. Fallon, and Ms. Conti left the meeting at this point and Ms. Felker, Ms. Basilico, and Ms. Parker re-joined the meeting. The meeting continued in executive session with D&T. Following the executive session, the secretary was informed that the Committee discussed the D&T materials previously presented at the meeting.

AUDIT COMMITTEE MEETING
PG&E CORPORATION – October 25, 2022

Ms. Felker, Ms. Parker, and Ms. Basilico left the meeting, and Mr. Cairns and Mr. Pezzola re-joined the meeting.

The Committee met in executive session with the internal auditor. Following the executive session, the secretary was informed that the Committee further discussed the internal audit materials.

Mr. Cairns and Mr. Pezzola left the meeting. The Committee met in executive session with Ms. Poppe. Following the executive session, the secretary was informed that the Committee further discussed materials presented at the meeting.

Ms. Poppe left the meeting, and the Committee met in executive session.

There being no further business presented for action, the meeting was adjourned at approximately 10:36 a.m.

LISA J. CRAWFORD
Secretary

AUDIT COMMITTEE OF THE
BOARD OF DIRECTORS OF
PACIFIC GAS AND ELECTRIC COMPANY

October 25, 2022

A meeting of the Audit Committee of the Board of Directors of Pacific Gas and Electric Company (Utility) was held by videoconference on Tuesday, October 25, 2022, at 8:00 a.m., Pacific Time. The meeting was held concurrently with a meeting of the PG&E Corporation (Corporation, and together with the Utility, the Companies) Audit Committee and meetings of the Companies' Safety and Nuclear Oversight (SNO) Committees (and together with the Audit Committee, the Committees).

Audit Committee members present were Rajat Bahri, Arno L. Harris, Carlos M. Hernandez, and Benjamin F. Wilson. Robert C. Flexon was absent. SNO Committee members present were Cheryl F. Campbell, Jessica L. Denecour, W. Craig Fugate, Mark E. Ferguson, III, Michael R. Niggli, and William L. Smith.

Also in attendance at the beginning of the meeting were directors Kerry W. Cooper, Patricia K. Poppe, and Adam L. Wright, in addition to, Christopher A. Foster, John R. Simon, Sumeet Singh, Ajay Waghay, Stephen J. Cairns, David S. Thomason, Christopher A. Pezzola, Alejandro T. Vallejo, Brian M. Wong, Hank T. Weintraub, Jenny Kan, Lisa J. Crawford, and J. Ellen Conti, along with Sujit Bhattacharya of Filsinger Energy Partners and Amy Parker, Ellen Basilico, and Kim Felker of Deloitte and Touche (D&T).

Quorum present, Mr. Wilson, Chair of the Audit Committees, presided over the meeting. Ms. Crawford served as secretary of the meeting and gave a situational safety message at the beginning of the meeting.

BEGINNING OF JOINT AUDIT AND SNO COMMITTEES MEETING

Mr. Pezzola, referring to materials that had been provided to the Committees' members in advance of the meeting and that are included in the records of this Committee ("Committee materials") presented a report on results of audits performed by Internal Auditing during the second and third quarters of 2022. He discussed the results of these audits and the status of certain open issues as well as the completed key control advisory work over undergrounding WMP metrics, wildfire audit support, and Balch SIF-A. The Committee asked questions, including about the Companies' process to audit contractors and how contractor disciplinary issues are managed, and a discussion ensued.

AUDIT COMMITTEE MEETING
PACIFIC GAS AND ELECTRIC COMPANY – October 25, 2022

Mr. Vallejo, referring to the Committee materials, provided an ethics and compliance update that included a report on, among other things, fraud allegations and progress made in closing out of aging fraud cases. He also discussed how the Companies successfully completed a North American Electric Reliability Corporation audit. He indicated the Western Electricity Coordinating Council noted improvement in the Companies' performance, transparency, collaboration, and audit readiness. The Committee discussed the presentation and asked questions, including the methods used to detect instances of fraud and the pursuit of criminal charges in certain fraud cases, and a discussion ensued.

Mr. Wright, referring to the Committee materials, provided an operational performance update which focused on improving leader and organizational effectiveness and the status of key performance indicators. The Committee asked various questions, and a discussion ensued.

END OF JOINT AUDIT AND SNO COMMITTEES MEETING AND
BEGINNING OF AUDIT COMMITTEES MEETING

Ms. Campbell, Ms. Denecour, Ms. Cooper, Mr. Fugate, Mr. Ferguson, III, Mr. Niggli, Mr. Smith, and Mr. Wright left the meeting. Mr. Waghray, Mr. Singh, Ms. Kan, and Mr. Bhattacharya also left the meeting. Mr. Fallon joined the meeting.

Quorum present, Mr. Wilson, Chair, continued to preside over the meeting and Ms. Crawford continued to serve as secretary of the meeting.

Mr. Thomason, referring to the Committee materials, reviewed the Companies' draft joint Quarterly Report on Form 10-Q for the period ended September 30, 2022 (Draft 10-Q). He noted key items discussed with D&T during the quarter and disclosures with respect to various issues, including the 2019 Kincade fire, the 2020 Zogg fire, the 2021 Dixie fire, the 2022 Mosquito fire, securities litigation, asset retirement obligations, post-petition interest appeals to the Confirmation Order, voluntary separation program, new legislation, and the Utility's application for approval to transfer non-nuclear generation assets. He also discussed a comment letter from the staff of the Securities and Exchange Commission regarding the Companies' disclosures. The Committee asked various questions about the wildfires and the comment letter, and a discussion ensued.

Mr. Thomason, referring to the Committee materials, then reported on sections of the Companies' draft consolidated financial statements, including the condensed consolidated statements of income and balance sheets. He highlighted various sections of the Notes to the Condensed Consolidated Financial Statements and Management's Discussion and Analysis of Financial Condition and Results of Operations in the Draft 10-Q.

Mr. Fallon, referring to the Committee materials, discussed the draft earnings presentation and media earnings release for the third quarter earnings call with the financial

AUDIT COMMITTEE MEETING
PACIFIC GAS AND ELECTRIC COMPANY – October 25, 2022

community containing supplemental information relating to the Companies. The Committee asked questions, including regarding non-GAAP core earnings per share, and a discussion ensued.

Mr. Cairns, referring to the Committee materials, reported on management's conclusion that neither the Corporation nor the Utility had any significant deficiencies or material weaknesses in internal controls over financial reporting as of September 30, 2022.

Ms. Felker, referring to the Committee materials, reviewed D&T's quarterly review procedures and areas of focus for the third quarter. The Committee asked questions regarding D&T's audit of the Companies' draft quarterly financial statements, including the required communications outlined in the meeting materials, and a discussion ensued.

Mr. Thomason, with input from Ms. Felker and referring to the Committee materials, presented management's recommendation that the Committee authorize the proposed 2022 audit fees revision and audit related services fees summary which was revised to include services not previously contemplated in the December 14, 2021 Audit Committee fee authorization request.

Ms. Felker, Ms. Basilico, and Ms. Parker were excused from the meeting.

The Committee asked questions regarding the audit fees revision and discussed approving the revised fees. Upon motion, made and seconded the Committee approved the recommendation as presented.

Upon motion made and seconded, the previous minutes from the July 26, 2022 meetings were approved by the Committee.

The Committee acknowledged receipt of materials on the following matters prior to the meeting: (1) energy trading risk management report, (2) attorney reports under the Sarbanes-Oxley Act, (3) accounting complaints under the Sarbanes-Oxley Act, (4) report on independent public accountants' pre-approved audit and non-audit services and fees for 2022, (5) related party transaction quarterly report, (6) major commitments scorecard, and (7) the executive expense report.

Mr. Simon, Mr. Foster, Mr. Cairns, Mr. Thomason, Mr. Pezzola, Mr. Vallejo, and Mr. Fallon, and Ms. Conti left the meeting at this point and Ms. Felker, Ms. Basilico, and Ms. Parker re-joined the meeting. The meeting continued in executive session with D&T. Following the executive session, the secretary was informed that the Committee discussed the D&T materials previously presented at the meeting.

AUDIT COMMITTEE MEETING
PACIFIC GAS AND ELECTRIC COMPANY – October 25, 2022

Ms. Felker, Ms. Parker, and Ms. Basilico left the meeting, and Mr. Cairns and Mr. Pezzola re-joined the meeting.

The Committee met in executive session with the internal auditor. Following the executive session, the secretary was informed that the Committee further discussed the internal audit materials.

Mr. Cairns and Mr. Pezzola left the meeting. The Committee met in executive session with Ms. Poppe. Following the executive session, the secretary was informed that the Committee further discussed materials presented at the meeting.

Ms. Poppe left the meeting, and the Committee met in executive session.

There being no further business presented for action, the meeting was adjourned at approximately 10:36 a.m.

LISA J. CRAWFORD
Secretary