



**FILED**

09/30/26

04:59 PM

R2401018

**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking to Establish  
Energization Timelines.

Rulemaking 24-01-018  
(Filed January 25, 2024)

**(PUBLIC VERSION)  
(ATTACHMENT A TO REPORT CONTAINS CONFIDENTIAL INFORMATION)**

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 93 E)  
BIANNUAL ENERGIZATION REPORT PURSUANT TO  
DECISION 24-09-020**

JEFFREY K. ASAY

Pacific Gas and Electric Company  
Law Department, 19th Floor  
300 Lakeside Drive, Suite 210  
Oakland, CA 94612  
Telephone: (510) 225-8996  
Facsimile: (510) 898-9696  
E-mail: [Jeffrey.Asay@pge.com](mailto:Jeffrey.Asay@pge.com)

Attorney for  
PACIFIC GAS AND ELECTRIC COMPANY

Dated: September 30, 2026

**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking to Establish  
Energization Timelines.

Rulemaking 24-01-018  
(Filed January 25, 2024)

**(PUBLIC VERSION)  
(ATTACHMENT A TO REPORT CONTAINS CONFIDENTIAL INFORMATION)**

**PACIFIC GAS AND ELECTRIC COMPANY’S (U 93 E)  
BIANNUAL ENERGIZATION REPORT PURSUANT TO  
DECISION 24-09-020**

Pursuant to Ordering Paragraph 18 of Decision (“D.”) 24-09-020, issued September 17, 2024, Pacific Gas and Electric Company (“PG&E”) hereby files the public version of its fourth Biannual Energization Report (“Report”), dated September 30, 2026.

PG&E filed a concurrent filing of the confidential version of the Report. Attachment A to the Report (PG&E Biannual Energization Data Spreadsheet) contains confidential information as set forth in PG&E’s Motion for Leave to File Under Seal, dated September 30, 2026.

Respectfully Submitted,

JEFFREY K. ASAY

By: /s/ Jeffrey K. Asay  
JEFFREY K. ASAY

Pacific Gas and Electric Company  
Law Department, 19th Floor  
300 Lakeside Drive, Suite 210  
Oakland, CA 94612  
Telephone: (510) 225-8996  
Facsimile: (510) 898-9696  
E-mail: [Jeffrey.Asay@pge.com](mailto:Jeffrey.Asay@pge.com)

Attorney for  
PACIFIC GAS AND ELECTRIC COMPANY

Dated: September 30, 2026

**PACIFIC GAS AND ELECTRIC COMPANY**

BIANNUAL ENERGIZATION REPORT

PURSUANT TO DECISION 24-09-020

September 30, 2026

## Table of Contents

|                                                                     |    |
|---------------------------------------------------------------------|----|
| 1. Summary of Energization Report .....                             | 3  |
| A. Background and Context.....                                      | 3  |
| B. Report Structure .....                                           | 4  |
| C. Energization Targets .....                                       | 5  |
| D. Upstream Capacity Upgrades .....                                 | 6  |
| E. Trending and Overall Report Findings .....                       | 8  |
| F. IOU Time & Customer Time Methodology .....                       | 9  |
| i. Tariff Project Time Methodology.....                             | 10 |
| ii. MPU Project Time Methodology.....                               | 11 |
| 2. Required Supplemental Reporting.....                             | 11 |
| A. ESJ (Environmental & Social Justice) Barriers and Findings ..... | 11 |
| B. Overall Costs.....                                               | 12 |
| C. End-Use Category Review.....                                     | 13 |
| 3. Reporting Gaps .....                                             | 14 |
| A. Data Gaps and Initiatives .....                                  | 14 |
| B. Description Reference.....                                       | 17 |
| i. Tariff Fields .....                                              | 17 |
| ii. Main Panel Upgrade Fields.....                                  | 19 |
| C. Additional Reporting Disclaimers .....                           | 19 |
| D. Outlier Data.....                                                | 26 |
| E. Exclusions .....                                                 | 27 |
| 4. Data & Reporting Insights .....                                  | 27 |
| A. Constraints .....                                                | 27 |
| B. Launched and Future Enhancements Overview .....                  | 28 |
| 5. Conclusion .....                                                 | 30 |

# Biannual Energization Report

## 1. Summary of Energization Report

### A. Background and Context

On September 17, 2024, the California Public Utilities Commission (Commission or CPUC) adopted Decision (D.) 24-09-020, *Decision Establishing Target Energization Time Periods and Procedure for Customers to Report Energization Delays* (the Decision). Ordering Paragraph (OP) 18 directs the utilities to each file and serve biannual energization reports to the CPUC every six months to demonstrate compliance with the statewide targets outlined in Section 7 (*Energization Targets*) of the Decision.<sup>1</sup> In accordance with the Decision, this report uses the Energization Data Reporting Template that was developed in consultation with Energy Division and stakeholders and subsequently approved in Joint Investor-Owned Utility (IOU) Advice Letter 7430-E, et al., and Joint IOU Advice Letter 7430-E-A, et al.<sup>2</sup> Pacific Gas and Electric Company (PG&E) appreciates the opportunity to provide data as required by the Decision, which established target energization time periods and procedures for customers to report energization delays. PG&E acknowledges the importance of these measures in improving service delivery and customer satisfaction.

PG&E recognizes the legislative intent behind Senate Bill 410 and Assembly Bill 50 to enhance accountability and transparency in the energization process. PG&E is committed to meeting the established targets and improving its processes to better serve customers.

- **Data Reporting Period:** New Business Orders with Complete Applications from January 31, 2023, to June 30, 2026.
- **Reporting Data Compiled as of:** August 26, 2026.

---

<sup>1</sup> D.24-09-020, OP 18.

<sup>2</sup> [https://www.pge.com/tariffs/assets/pdf/adviceletter/ELEC\\_7430-E.pdf](https://www.pge.com/tariffs/assets/pdf/adviceletter/ELEC_7430-E.pdf) and [https://www.pge.com/tariffs/assets/pdf/adviceletter/ELEC\\_7430-E-A.pdf](https://www.pge.com/tariffs/assets/pdf/adviceletter/ELEC_7430-E-A.pdf).

## B. Report Structure

OP 19 of the Decision requires all biannual energization reports to reflect data for all customer energization requests submitted as of January 31, 2023, "to the best of [the IOUs'] abilities." This report reflects the status of projects/applications as of 6/30/26.

PG&E's reporting has been divided into three distinct sections, for both the Tariff and Main Panel Upgrade templates, to enhance the readability and comprehension of the report. These sections are defined as:

- **In-Progress Projects\*:** New business applications submitted from 01/31/23-06/30/26 and not yet energized.
- **Energized Projects:** New business applications submitted from 01/31/23-06/30/26 and energized through 06/30/26.
- **Cancelled/Rejected Applications:** New business applications submitted from 01/31/23-06/30/26 that were cancelled or rejected.

*\*Projects energized between 07/01/26 and the reporting refresh date of 08/26/26 are not counted as energized and have been moved back to the 'In-Progress Projects' list to ensure alignment between PG&E's reporting and that of the other IOUs.*

### Data Designations:

PG&E has established standard definitions for different Data Designations that we apply in our report.

- **N/A:** The data point is not relevant to that project.
- **Pending Data Process Improvement:** An internal process or reporting change is underway to generate or improve the data.
- **Data Unavailable:** The information does not exist and is unobtainable.
- **Pending Review:** Items where PG&E is requesting further direction from CPUC Energy Division (ED).

In an effort to simplify the interpretation and analysis of our reporting, we have provided these designations for reference. The report reflects data provided pursuant to the requirements of the Decision and should not be interpreted purely as a mechanism for recalculating underlying data elements and aggregate fields. The data and

supporting source fields are independently validated by a third-party auditor, which provides biannual reports of its findings to the Commission. Additional context and calculations are provided to the auditor on a bi-annual basis to facilitate the reproduction and validation of PG&E's aggregate calculations.

### **C. Energization Targets**

PG&E is dedicated to achieving the average and maximum energization targets set forth in the Decision. The average energization targets include the time the IOU takes to complete the steps of the energization processes that are fully within its control.<sup>3</sup> Below are the average energization timelines PG&E achieved for Energized Projects. The following energization timelines exclude In-Progress Projects and Cancelled/Rejected Applications. Projects used to calculate the energization timelines are based on the 55% of applications submitted and energized between 01/31/23-06/30/26.

- **Electric Rule 15**
  - PG&E has no Rule 15-only projects to report for this reporting period, as such projects are uncommon.
- **Electric Rule 16\***
  - Total Projects with Applications Submitted from 01/31/23-06/30/26 and Energized Through 06/30/26: 14,422
  - Average PG&E Energization Calendar Days: 113
  - Average End-to-End Energization Cycle Calendar Days: 307
  - Percent of Energized Projects Under Maximum Energization Target from 07/01/25 to 06/30/26: 98%
- **Electric Rule 29\***
  - Total Projects with Applications Submitted from 01/31/23-06/30/26 and Energized Through 06/30/26: 237
  - Average PG&E Energization Calendar Days: 81
  - Average End-to-End Energization Cycle Calendar Days: 564

---

<sup>3</sup> D.24-09-020, Finding of Fact (FOF) 2.

- Percent of Energized Projects Under Maximum Energization Target from 07/01/25 to 06/30/26: 99%
- **Combined Electric Rules 15 & 16\***
  - Total Projects with Applications Submitted from 01/31/23-06/30/26 and Energized Through 06/30/26: 5,097
  - Average PG&E Energization Calendar Days: 124
  - Average End-to-End Energization Cycle Calendar Days: 439
  - Percent of Energized Projects Under Maximum Energization Target from 07/01/25 to 06/30/26: 94%
- **Combined Electric Rules 15 & 29\***
  - PG&E has no Combined Electric Rules 15 & 29 projects to report for this reporting period as such projects are uncommon.
- **Main Panel Upgrades**
  - Total Projects with Applications Submitted from 01/31/23-06/30/26 and Energized Through 06/30/26: 43,895
  - Average PG&E Energization Business Days: 26
  - Average End-to-End Energization Cycle Business Days: 39
  - Percent of Completed Projects Under Maximum Energization Target from 07/01/25 to 06/30/26: 95%

*\*Average days are based only on projects energized within the designated reporting window. Percent under maximum is based on the referenced window from 7/01/2025 to 06/30/2026.*

## **D. Upstream Capacity Upgrades**

The figures below are based on upstream capacity projects completed from 01/31/23 through 06/30/26. The timelines<sup>4</sup> below reflect all of PG&E's upstream capacity work within the project types listed.<sup>5</sup>

- **New Circuit/Circuit Upgrade Calendar Days:** 942 calendar days
- **Substation Upgrade Calendar Days:** 1,285 calendar days
- **New Substation Calendar Days:** PG&E had no new Substations completed within this reporting period.

There were 62 completed tariff projects that required upstream capacity upgrades that are now energized.

The above numbers represent the average number of calendar days to complete a upstream capacity upgrade, but do not provide information about the impact of that timing on customers. For example, an upstream capacity upgrade may serve multiple customers or may already be underway when a customer applies. Therefore, for the 62 completed tariff projects requiring upstream capacity upgrades, PG&E also provides the average time between the identification that a customer project needs an upstream capacity upgrade and the customer project energization date.

- **Average Days Between Identification that a Project Needs an Upstream Capacity Upgrade and Project Energization Date:** 433 calendar days

Whereas the Upgrade Calendar Days reported above represent the time it took to complete upstream capacity upgrades, the average time between a project having an upstream capacity upgrade identified and their energization date is more representative

---

<sup>4</sup> New business projects may have multiple associated upstream capacity projects dependent on scope and project size. Dates referenced in PG&E's project-level data represent the start of the first upstream capacity project and the date of the last completed upstream capacity project. PG&E began maintaining complete historic logs of upstream capacity projects to downstream work as of 2025. Previously, these projects were tracked on a project-by-project basis with records cleared at completion.

CPUC Decision D.24-10-030, issued in Rulemaking (R.) 21-06-017, the High Distributed Energy Resources (High DER) Rulemaking, established a Distribution Capacity Project Execution reporting framework and associated data requirements. The project initiation field reported under the High DER Project Execution framework is intended to track distribution capacity project execution once the project is approved for execution, and may therefore differ from the upstream capacity upgrade start date used to calculate the durations reported in Section 1D, Upstream Capacity Upgrades of this report.

of the customer impact. This is below the target for circuit (684 days) and below the target for substation upgrades (1,021 days).

## **E. Trending and Overall Report Findings**

PG&E is committed to providing comprehensive insights into its performance and progress. Below is a summary of key trends, overall findings, and important data considerations.

### **Energization Timelines:**

Between January 2023 and June 2026, PG&E observed relative stability in the number of days required to energize new business projects. PG&E-controlled steps saw a modest increase in duration early in the reporting window which leveled off by June of 2025. Between June 2025 and June 2026 we saw total PG&E time remain relatively stable with some slight fluctuations. PG&E continues to prioritize enhanced customer communication, process improvements, and efficient project execution to reduce the overall duration of IOU-controlled energization Steps (as defined in the Decision). To achieve this mission, continued funding is paramount. The additional funding via SB410 has been critical in stabilizing overall energization timelines at PG&E. This SB410 funding expires at the end of 2026. To continue this stabilization and shift toward a decrease in overall end-to-end energization timelines, PG&E will need sufficient funding to meet compliance targets and fulfill the steadily rising demand for energization and electrification in California.

### **Data Enhancements and Impact:**

Since PG&E's first energization report in March 2025, we have made various efforts to continually improve the accuracy of reporting. These updates include increasing the accuracy of data collected, better categorization of new energization projects, and various process improvements.

Notable reporting improvements include the following:

- **Data Designations:** PG&E has established standard definitions for the Data Designations that we apply in our report. This update was implemented to improve transparency and consistency in reporting by establishing standardized

designations that clearly communicate the status and availability of each reported data point. These definitions help stakeholders distinguish between data that is not applicable (N/A), unavailable, undergoing process improvements, or pending external clarification, thereby providing greater context and reducing potential misinterpretation of reported results.

- **Customer Connect Desk (CCD) Job Additions:** PG&E identified additional Customer Connect Desk projects performed under Electric Rules 15 and 16 that fall within the reporting scope of the Decision. These projects typically involve short-duration work performed by a two-person crew. Following a detailed review, PG&E confirmed that the applicable projects follow the relevant energization steps and accordingly included them in the reporting population.
- **Refinement of In-Scope Maintenance Activity Types (MAT):** As part of its ongoing review of projects within the reporting scope of the Decision, PG&E reevaluated projects associated with Maintenance Activity Type 16Z and determined that the reviewed projects represented betterment-related work. Betterment work is not directly driven by a specific customer request; it is work that is undertaken to support system operation, reliability, maintenance, or future system needs. PG&E removed the applicable betterment projects from the reporting population to better align with the scope of the Decision.

### **Commitment to Continuous Improvement**

PG&E remains focused on innovation and continuous improvement. Future improvements will require continued investments in technology, process enhancements, and customer engagement initiatives. This will ensure that PG&E can meet and exceed regulatory expectations.

## **F. IOU Time & Customer Time Methodology**

PG&E employs the following methodology to measure IOU Time and Customer Time. This approach ensures accurate accounting and delineation of time across each of the energization steps.

This methodology ensures a clear distinction between PG&E Time and Customer Time, fostering transparency and consistency in the measurement and reporting of time allocation.

### **i. Tariff Project Time Methodology**

For tariff projects, PG&E uses the following time methodology principles.

#### **Step Responsibility\*:**

- PG&E Time is attributed to operational Steps 2, 4, 6, 7, and 8.
- Customer Time is attributed to Steps 1, 3, and 5.

#### **PG&E Methodology Principles:**

1. **Customer Overlap in Steps:** When a customer Step coincides with a PG&E Step (e.g., a customer-related process occurs simultaneously with a PG&E process), this overlapping time is exclusively categorized as Customer Time and does not count as PG&E Time. This ensures that overlapping time is not double counted. This approach also enables PG&E to work concurrently with the customer, helping to accelerate cycle times and ensure consistent tracking through shared steps.
2. **Concurrent PG&E Step Work:** In cases where PG&E undertakes multiple overlapping Steps concurrently (e.g., two PG&E processes happen at the same time), those days are not counted multiple times. Instead, they are aggregated as a single day within the total of PG&E Time. This prevents inflating time metrics and maintains the integrity of the report.
3. **Agency Time:** When an agency/permitting time coincides with a PG&E Step, the overlapping time is excluded from total PG&E Time because agency activities are outside the utility's sole control.

\*See **Section 3C, Additional Reporting Disclaimers, Step Responsibility Disclaimers** for additional context regarding Applicant-Based Designs, Step 6 Inspection Activities, and Customer-Initiated Redesigns.

## ii. MPU Project Time Methodology

Main Panel Upgrade projects are reported separately from tariff projects and do not follow the standard eight-step energization process. PG&E measures utility-controlled MPU time beginning after customer Intake is complete.

When a customer requests that the initial scheduled date be changed, PG&E excludes the period between the initial scheduled date and the customer-requested rescheduled date from reported utility-controlled time. This adjustment applies only when the reschedule is identified as customer requested.

Main Panel Upgrade projects are captured under annual blanket orders. Additional information is provided in **Section 3C, Additional Reporting Disclaimers, Main Panel Upgrade Time Related Fields**.

## 2. Required Supplemental Reporting

### A. ESJ (Environmental & Social Justice) Barriers and Findings

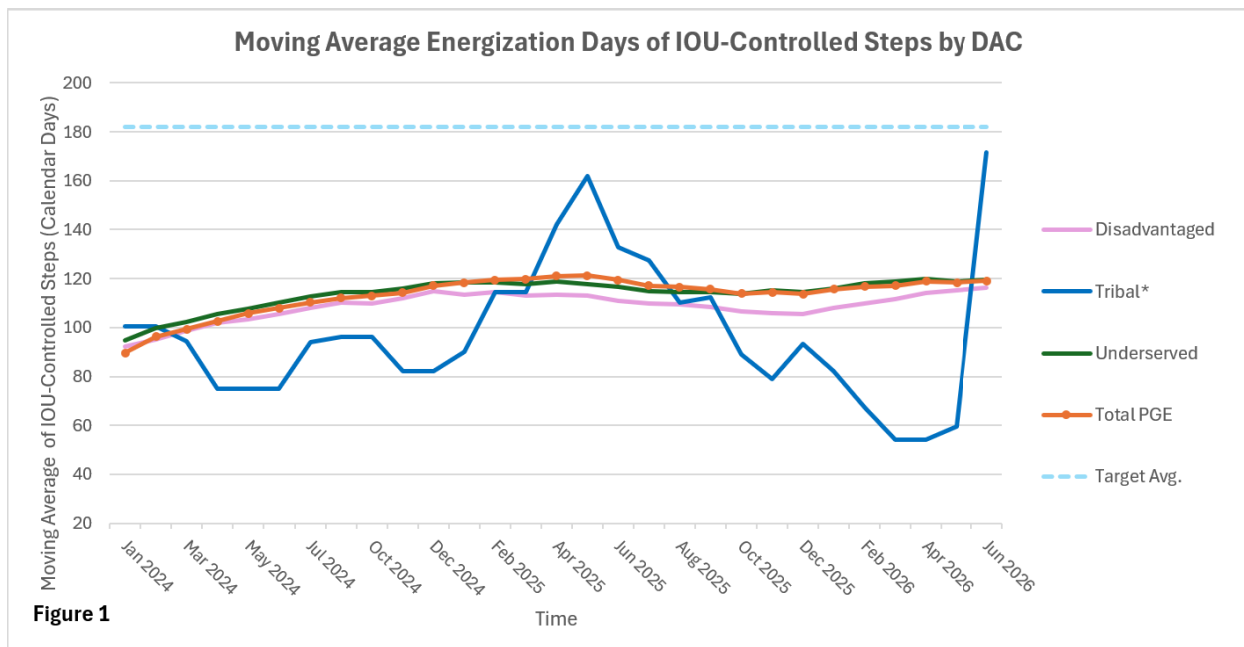


**Figure 1:** Monthly Energization Days (6-Month Moving Average) with IOU-Controlled Steps for Disadvantaged Community, Tribal Community, Underserved Community, and Total PG&E vs. Target Average (Jan 2024 – Jun 2026)

Figure 1 displays the six-month moving average of the number of days in IOU-Controlled Steps for energization projects in Disadvantaged, Tribal, and Underserved Communities, along with same for all PG&E energization projects, compared to the target average of 182 days. The use of a six-month moving average smooths short-term fluctuations. Projects from 2023 were excluded from Figure 1 because they pre-date the eight-step reporting framework.

*\*Due to the small number of Tribal projects included in the dataset (32 projects across the 2.5 year period), the reported energization days for tribal projects may exhibit greater variability than other community types over time. The substantial increase from April to June 2026 was driven by a single Tribal job completion.*

## B. Overall Costs

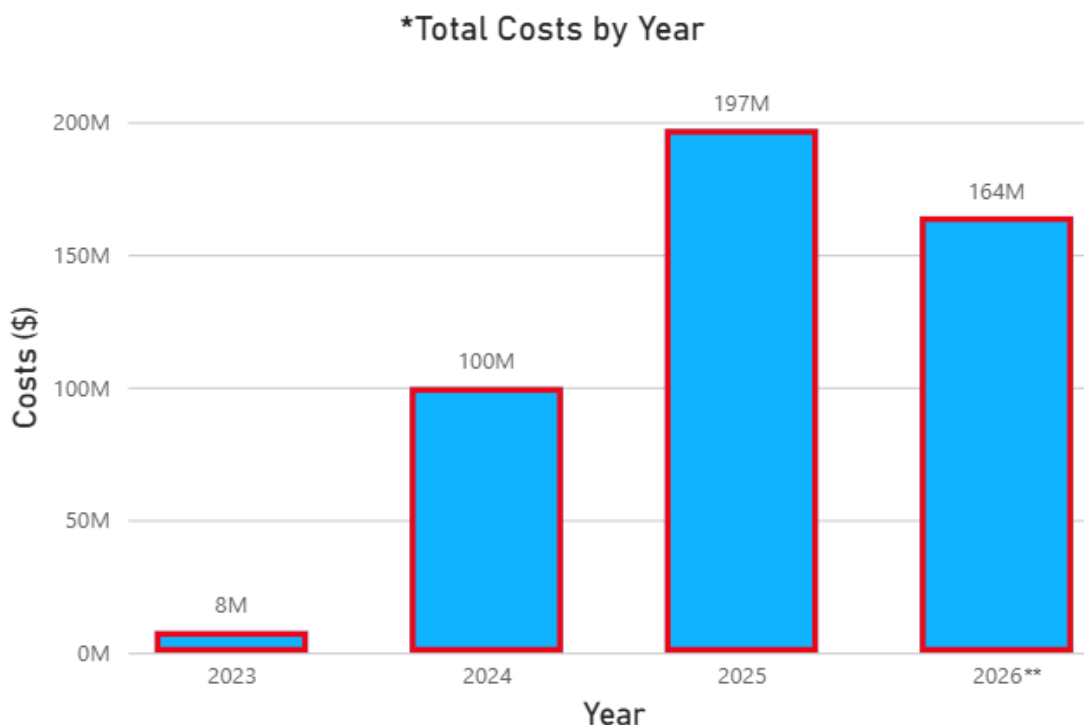


**Figure 2**

\*Not representative of actual 2023, 2024, 2025, or 2026 PG&E Costs

\*\*2026 Cost totals are YTD through 6/30/26

**Figure 2:** Annual Costs of Projects Energized in 2023, 2024, 2025, and 2026

Figure 2 illustrates the total cost of all projects energized in 2023-2025, and up to 6/30/26. These figures reflect expenses incurred at the time of energization. These figures do not correspond to PG&E's actual new business project expenditures for the respective years. Costs are presented as they stood at the time of each project's energization, which often excludes expenditures reconciled during financial closure, which can occur up to one year after energization. Additionally, customer payments made to PG&E at project initiation may result in negative total project costs in our provided datasets. A negative project accounting balance in the form of credit from the customer may not be fully reconciled until financial closure, which rarely occurs at the time of energization. For additional details, please refer to **Section 3C. Additional Reporting Disclaimers - Costs at Time of Energization.**

### C. End-Use Category Review

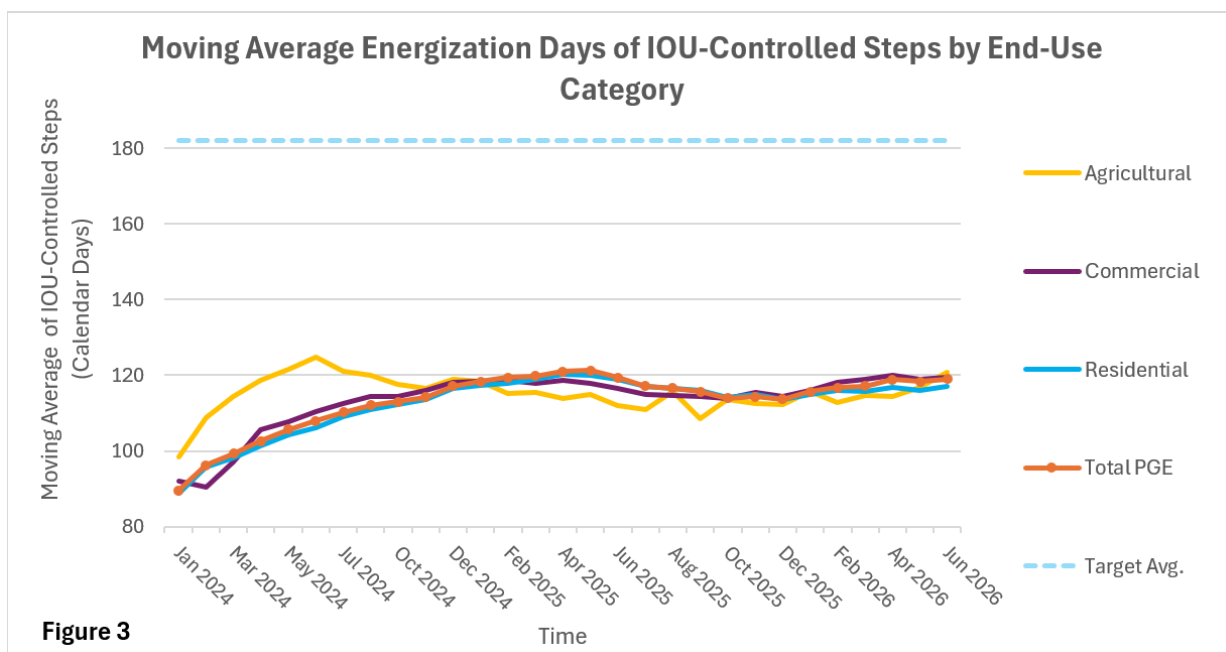


**Figure 3:** Monthly Energization Days (6-Month Moving Average) for IOU Controlled Steps for Residential, Commercial, and Agricultural, and Total PG&E vs. Target Average (Jan 2024 – Jun 2026)

Figure 3 illustrates the six-month moving average of the number of days in IOU-Controlled Steps for energization projects across the three business classes (Residential,

Commercial, and Agricultural). Business classes are benchmarked against the average for all PG&E projects and the 182-day target. The application of a six-month moving average enhances trend visibility by reducing short-term fluctuations. Data for 2023 has been removed from Figure 3 because the typical energization lifecycle of a project may not be fully accounted for and could skew overall trending results. In addition, 445 projects were not included in the trending above as they were not classified into any of the 3 applicable business class categories.

### 3. Reporting Gaps

#### A. Data Gaps and Initiatives

PG&E is committed to transparency and accountability in its reporting processes. Below PG&E has provided a reference table and narrative explanation of information collected in its existing systems that does not currently meet the criteria adopted in Decision 24-09-020 and as such have received a special data designation in this submission. This table does not reflect non-reportable fields marked as "Completed" in our previous submissions.

**Non-Reportable Table:** *(See table below)*

| Reporting Template | Description Reference | Data Point                                                                                             | Delay Cause                                                                                                         | Est. Date Available | Est. Reporting Date |
|--------------------|-----------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|
| Tariff             | 1                     | <b>Total Site Capacity at Time of Customer's Application for Service (kW)</b><br>-9I-                  | Pending Process Improvement to identify a direct source of existing capacity at the site level.                     | 12/31/26            | 3/31/27             |
| Tariff             | 2                     | <b>Additional Capacity (kW) installed for future electric load deployment (as applicable)</b><br>-11K- | Data not available; PG&E reviews and generally provides the amount of service requested independent of future need. | Pending Review      | Pending Review      |
| Tariff             | 4a                    | <b>Did customer install additional capacity to</b>                                                     | Data not available; PG&E reviews and generally                                                                      | Pending Review      | Pending Review      |

|               |           |                                                                                                                                                                 |                                                                                                                              |                |                |
|---------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
|               |           | <b>support future load growth?<br/>(Yes or No)<br/>-20T-</b>                                                                                                    | provides the amount of service requested independent of future need.                                                         |                |                |
| <b>Tariff</b> | <b>4b</b> | <b>Customer elected to install additional capacity to anticipate associated future load growth as indicated on customer's application (Yes or No)<br/>-24X-</b> | Data not available; PG&E reviews and generally provides the amount of service requested independent of future need.          | Pending Review | Pending Review |
| <b>Tariff</b> | <b>5a</b> | <b>Identify when in the energization process the customer requested a change in design or scope (Energization Step)<br/>-22V-</b>                               | PG&E is currently working to produce this field via an automated calculation.                                                | 12/31/26       | 3/31/27        |
| <b>Tariff</b> | <b>5b</b> | <b>Customer cancelled/delayed project (as needed) (Yes or No)<br/>-23W-</b>                                                                                     | Customer cancelled projects are reported on a separate tab within the report; customer "delay" requires further exploration. | Pending Review | Pending Review |
| <b>Tariff</b> | <b>6a</b> | <b>Estimated timing for when customer anticipates additional capacity necessary as indicated on customer's application (Date)<br/>-25Y-</b>                     | Data not available; PG&E reviews and generally provides the amount of service requested independent of future need.          | Pending Review | Pending Review |
| <b>Tariff</b> | <b>6b</b> | <b>Total additional kW capacity for the necessary future upgrade as listed on customer's application (kW)<br/>-26z-</b>                                         | Data not available; PG&E reviews and generally provides the amount of service requested independent of future need.          | Pending Review | Pending Review |
| <b>Tariff</b> | <b>10</b> | <b>R15/R16/R29 Energization Reasoning as to why</b>                                                                                                             | Currently able to report reason identification for projects exceeding                                                        | Pending Review | Pending Review |

|                           |            |                                                                                              |                                                                                                                                                  |                |                |
|---------------------------|------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
|                           |            | <b>exceeded average/maximum Energization Target (Reasoning)</b><br>-95CQ-                    | maximum allowable days. Reason is determined based on steps exceeding the internal PG&E suggested average by 1 or more days.                     |                |                |
| <b>Tariff</b>             | <b>14</b>  | <b>Date when need for R15/16/29/45 upgrade identified (Date)</b><br>-31AE-                   | Pending development of an upgrade identification tracking system.                                                                                | 12/31/26       | 3/31/27        |
| <b>Tariff</b>             | <b>15</b>  | <b>Step 8 - Data Point End 9) Service Energization End (Date)</b><br>-81CC-                  | Pending Process Improvement to more readily link meter set ID's with the associated project order.                                               | 1/31/27        | 3/31/27        |
| <b>Main Panel Upgrade</b> | <b>16</b>  | <b>AHJ (Authority Having Jurisdiction) for permitting based off Project's location (AHJ)</b> | For MPU projects, PG&E does not request permits on behalf of the customer.                                                                       | Pending Review | Pending Review |
| <b>Main Panel Upgrade</b> | <b>18a</b> | <b>Total Staffing, Labor, and Material Cost (\$\$\$ - Capital and Expense)</b>               | Cost accounting for MPU's occurs under annual blanket orders. This system makes it difficult to delineate costs at the individual project level. | Pending Review | Pending Review |
| <b>Main Panel Upgrade</b> | <b>18b</b> | <b>Site/Project Costs (\$\$\$) for anything else IOU covers</b>                              | Cost accounting for MPU's occurs under annual blanket orders. This system makes it difficult to delineate costs at the individual project level. | Pending Review | Pending Review |
| <b>Main Panel Upgrade</b> | <b>18c</b> | <b>Total Construction/Overhead Costs (\$\$\$)</b>                                            | Cost accounting for MPU's occurs under annual blanket orders. This system makes it difficult to delineate costs at the individual project level. | Pending Review | Pending Review |
| <b>Main Panel Upgrade</b> | <b>18d</b> | <b>Customer Allowance (\$\$\$)</b>                                                           | Cost accounting for MPU's occurs under annual blanket orders. This system makes it difficult to delineate costs at the individual project level. | Pending Review | Pending Review |

|                           |            |                                                                                  |                                                                                                                                                  |                |                |
|---------------------------|------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
| <b>Main Panel Upgrade</b> | <b>18e</b> | <b>Estimated Costs (\$\$\$) at Time of Energization</b>                          | Cost accounting for MPU's occurs under annual blanket orders. This system makes it difficult to delineate costs at the individual project level. | Pending Review | Pending Review |
| <b>Main Panel Upgrade</b> | <b>18f</b> | <b>Actual Costs (\$\$\$) at Time of Energization</b>                             | Cost accounting for MPU's occurs under annual blanket orders. This system makes it difficult to delineate costs at the individual project level. | Pending Review | Pending Review |
| <b>Main Panel Upgrade</b> | <b>18g</b> | <b>Difference of Estimated and Actual Costs at Time of Energization (\$\$\$)</b> | Cost accounting for MPU's occurs under annual blanket orders. This system makes it difficult to delineate costs at the individual project level. | Pending Review | Pending Review |

## B. Description Reference

### i. Tariff Fields

- **1- Total Site Capacity at Time of Customer's Application for Service:** PG&E plans to leverage the primary source location of the Grid Needs Assessment (GNA) and work to remedy missing circuit ID's in existing data in order to provide complete data for all projects based on the available capacity at the feeder level.
- **2- Additional Capacity installed for future electric load deployment:** In adherence with CPUC regulations, PG&E only installs capacity based on projected demand and regulatory guidelines to ensure grid reliability and efficiency. PG&E is focused on ensuring sufficient capacity to meet peak demand plus a reserve margin and does not typically install excess capacity.
- **4a- Customer installation of additional capacity to support future load growth:** PG&E is focused on ensuring sufficient capacity to meet peak demand plus a reserve margin and does not typically allow customers to install excess capacity.
- **4b- Customer elected to install additional capacity to anticipate associated future load growth as indicated on customer's application:** PG&E does not support additional load requests on closed or ongoing orders; customers are asked to submit a new application if additional future load is needed.

- **5a- Identify when in the energization process the customer requested a change in design or scope:** Tracking systems for a customer requested scope/design change were built and deployed in December 2025 but are not yet fully implemented. Pending training and adoption of processes related to customer requested scope/design change. PG&E expects to have data available in the upcoming September 2027 report.
- **5b- Customer cancelled/delayed project (as needed):** Customer cancelled projects are included under the Cancelled projects reporting template separate from the Energized and In-Progress work templates. A large portion of projects experience some form of customer-based delay at some point in the energization process. Although these delays are common, PG&E does not ask customers to provide a cause for their own delay.
- **6a- Estimated timing for when customer anticipates additional capacity necessary as indicated on customer's application:** PG&E's current intake application does not support additional future load requests. It captures the total load required. For additional future loads, the customer must submit new or additional applications.
- **6b- Total additional kW capacity for the necessary future upgrade as listed on customer's application:** Similar to 6a, PG&E's current application process does not support additional future load requests. It only captures the total load required. For additional future loads, the customer must submit new or additional applications.
- **10- R15/R16/R29 Energization Reasoning as to why exceeded average/maximum Energization Target:** PG&E currently provides the individual step that exceeded our suggested internal average Step timeline. It is not viable due to the administrative burden, to identify reasons for every project exceeding the average recommended number of days on a per-project basis.
- **14- Date when need for R15/16/29/45 upgrade identified (Date):** PG&E is developing a reliable method for recording the date on which a project is identified as requiring an Electric Rule 15, 16, or 29 upgrade.
- **15- Step 8 - Data Point End 9) Service Energization End:** PG&E is working to identify missing meter set information in an effort to produce accurate meter set cycle times for all in-scope projects. Please see **Section 3C. Additional**

**Reporting Disclaimers, Step 8 Service Energization Data Availability** for more information.

## **ii. Main Panel Upgrade Fields**

- **16- AHJ (Authority Having Jurisdiction) for permitting based off Project's location (AHJ):** Main Panel Upgrade (MPU) projects do not require permitting by, or on behalf of, the IOU. Therefore, collection of the Authority Having Jurisdiction (AHJ) for permitting purposes is generally not applicable and should be excluded from reporting requirements for these projects.
- **18-(a through g):** MPU work cannot be reconciled on a per-project basis because it is performed under blanket expense orders rather than discrete project work orders. For PG&E, Main Panel Upgrades typically only involve a disconnection and reconnection of service once the main panel is installed. Requiring project specific financials for this type of work dictates a level of precision that is not supported by the underlying accounting structure. PG&E asserts that aggregated level reporting for MPU work is sufficient from a reporting perspective.
  - **Total Staffing, Labor, and Material Cost (\$\$\$ - Capital and Expense)**
  - **Site/Project Costs (\$\$\$) for anything else IOU covers**
  - **Total Construction/Overhead Costs (\$\$\$)**
  - **Customer Allowance (\$\$\$)**
  - **Estimated Costs (\$\$\$) at Time of Energization**
  - **Actual Costs (\$\$\$) at Time of Energization**
  - **Difference of Estimated and Actual Costs at Time of Energization (\$\$\$)**

## **C. Additional Reporting Disclaimers**

### **• ESJ Community Definitions**

Definitions derived from the CPUC's Environmental and Social Justice (ESJ) Action Plan. While the fields themselves are mutually exclusive, customers are not limited to a single category and may be represented across multiple categories.

1. **Disadvantaged Community (DAC):** The entire service area of a community water system, or a community therein, in which the median

household income is less than 80% of the statewide annual median household income level.

2. **Underserved Community:** A community that meets one of the following criteria:

- Is a “disadvantaged community” as defined by subdivision (g) of Section 75005 of the Public Resources Code.
- Is included within the definition of “low-income communities” as defined by paragraph (2) of subdivision (d) of Section 39713 of the Health and Safety Code.
- Is within an area identified as among the most disadvantaged 25% in the state according to the California Environmental Protection Agency (CalEPA), based on the most recent California Communities Environmental Health Screening Tool (CalEnviroScreen).
- Is a community where at least 75% of public-school students in the project area are eligible to receive free or reduced-price meals under the National School Lunch Program.
- Is a community located on lands belonging to a federally recognized California Indian tribe.

3. **Tribal Community:** Land within any Indian reservation, as defined in 18 U.S.C. § 1151(a).

- **Step 7 Construction & Step 8 Service Energization Updates:** With enhancements made to available Meter Set data, PG&E refined its date identification logic to better identify dates for the end of Construction, beginning of Energization, and end of Energization. Historically, the SAP field “Construction Complete” marked the end of Construction and the beginning of Energization, while the meter set date marked the end of Energization. When the meter set date precedes the “Construction Complete” date, PG&E now uses the meter set date as the Construction end date and as both the start and end dates of Energization. This treatment recognizes that the customer is energized when the meter is set. PG&E takes this approach to

account for instances in which a customer begins receiving power prior to construction completion.

- **Costs at Time of Energization:** As required, PG&E has provided costs incurred at the time of energization. It is important to clarify that these costs do not fully capture the true costs associated with a completed new business project. It is critical to note that additional costs and internal accounting typically occur after the conclusion of the energization process. These costs could include worksite restoration, contracted labor expenses, delayed billing for internal labor, equipment expenses, and other costs.

Because of internal accounting procedures, there are also frequent occurrences where a negative total value for project costs is reported at the time of energization. This occurs because payments by the customer to PG&E in the form of Contributions in Aid of Construction (CIAC) happen at the start of a project. This creates a negative project balance that is reconciled over the entire project lifecycle. Because projects are often not fully reconciled at time of energization, it is common to see negative project costs as of the energization date.

PG&E continues to report costs at the time of energization consistent with the currently effective reporting template. PG&E supports a move to fully reconciled costs and awaits formal Commission direction regarding an updated reporting template and effective date.

- **Total Staffing, Labor, and Material Cost:** SB 410 addresses the staffing needs of electrical corporations to ensure timely grid connections and energization of new facilities and housing developments. PG&E evaluates qualified staffing levels to ensure we have the necessary workforce to support these initiatives. Public Utilities (PU) Code § 935 requires PG&E to provide with each GRC application, and annually in reporting established in R.24-01-018, a workforce analysis ("Section 935 Report"). PG&E has attached its 2026 Section 935 Report, which provides an update of the information presented in the Section 935 Report

previously submitted in PG&E's 2027 GRC (A.25-05-009)<sup>6</sup> and PG&E's prior Biannual Energization Reports as **Appendix 1** to this report. The attached 2026 Section 935 Report provides details on the following: PG&E's workforce planning and strategy, current staffing and adequacy to meet demand, and future staffing analysis.

- **Customer Allowances:** PG&E customers may be eligible for allowances related to new electrical utility construction as set forth by CPUC regulations. Eligible customers may select one of two options: a 10-year fully refundable option or a 50% upfront discount option.
- **Step 5 Customer Site Readiness and Step 6 IOU Site Readiness Data:** PG&E's legacy systems did not capture all inspection information needed to report site-readiness activities under the Decision. To address this limitation, PG&E implemented new inspection tracking functionality in March 2025. Applicable inspection information predating that implementation is unavailable and cannot be reconstructed and is therefore reported as Data Unavailable. PG&E also refined its Step 6 inspection-identification logic to focus on completed inspection activities relevant to New Business energization work. Step 6 may contain more than one applicable inspection-related cycle time, including preconstruction and first-inspection activities. The revised logic focuses on applicable preconstruction and first inspection activities and excludes other inspection records that fall outside the scope of the Decision. Additional information regarding the treatment of these intervals is provided under ***Step Responsibility Disclaimers*** in this section.
- **Step Responsibility Disclaimers:**
  - **Applicant-Based Designs:** When an applicant elects to design a project, PG&E-controlled time includes the time PG&E spends reviewing the applicant's design plans. The time the applicant spends developing or revising the design is not included in reported PG&E-controlled time.

---

<sup>6</sup> A.25-05-009, Exhibit PG&E-4, Chapter 2, Attachment B, Public Utilities Code Section 935 Report.

- **Step 6 Inspection Activities:** PG&E time is counted in intervals. We count the days from request to the pre-construction meeting and the days from request to the first subsequent inspection.
- **Customer-Initiated Redesigns:** When a redesign is initiated by the customer, the days within the redesign are counted towards the total Customer Time clock. This time is not associated with any of the existing Customer Time steps (1, 3, and 5).
- **Step 8 Service Energization Data Availability:** The current dataset captures Service Energization dates for 13,512 projects from a total of 19,756 energized projects or 68% of energized projects. 2,488 or 13% of projects will not require a meter set as an energized meter was already present. Energization dates and day count fields for these projects will be reported as "N/A" (not applicable). Due to limitations in current tracking mechanisms, we do not have existing meter data for 3,756 projects or 19% of energized work. For projects where a meter set date was not retrievable, we have substituted the construction complete date to signal project completion. We anticipate some revisions to meter set dates based on meter data availability. As we continue to review and refine our available internal meter set data, we plan to be able to provide more robust tracking of the Service Energization phase.
- **Main Panel Upgrade (MPU) Time Related Fields:** MPU projects are reported separately from the standard tariff projects because they do not follow the standard 8-Step energization process. Currently PG&E captures these projects under annual blanket orders. PG&E increased the number of MPU reportable fields for the September 2026 report. PG&E is now able to provide data for the following five reportable fields:
  - "Reason why upgrade was cancelled and/or rescheduled (Reason)"
  - "Main Panel Upgrade - Initial Schedule Date (Date)"
  - "Main Panel Upgrade - Rescheduled Date (as needed) (Date)"
  - "Additional Time from Initial Scheduled Date to Rescheduled Date (Calendar Days)"

- "Additional Time from Initial Scheduled Date to Rescheduled Date (Business Days)"
- This update allows us to track IOU specific time to complete a Main Panel Upgrade project. "Timing to Complete Main Panel Upgrade" (calendar and business days) have now been updated to represent only the days within PG&E's control i.e., post customer intake. This change was made to better align with the Decision to track IOU energization timelines.
- **Main Panel Upgrade (MPU) Cost Related Fields:**  
As described under **Section 3B. Description Reference #18**, PG&E captures MPU projects under annual blanket orders. Annual blanket orders for the purposes of OIR reporting are used only in association with Main Panel Upgrade projects. We are working with the Commission on proposed updates to the template and plan to produce aggregate cost data for MPUs.
- **Applicant Based Designs:** Step 2: Design and Engineering is considered IOU-responsible time except for instances where the applicant elects to design their own project, in those instances PG&E is only responsible for the time in which we are reviewing plans provided by the customer. In lieu of tracking time to design the project, PG&E tracks the time to validate and approve the applicant designed plans. PG&E continues to refine our Applicant Based Design logic to get the most accurate representation of utility and customer time when an applicant completes the design process independently.
- **Customer Controlled Steps Calculation:** In previous reporting PG&E did not include Step 1 - Intake time when measuring total customer-controlled days. PG&E has revised calculations in our aggregate reporting to reflect total customer-controlled time as including Intake time.
- **Upstream Capacity and Load limiting:** For this report, PG&E has adjusted the data field used to capture when customers were notified of needing an upstream capacity upgrade<sup>7</sup> in an effort to increase the accuracy of the field. Previously,

---

<sup>7</sup> Column "Date IOU identifies the need for an upstream capacity project and alerts customer of need for upstream capacity project" in Attachment A

this field leveraged the initiation date of the upstream capacity project; however, the initiation of upstream capacity projects is not directly correlated with notifying a customer that an upstream capacity project is required for their application. A capacity project may be in-flight and past initiation when an application is received, or conversely, a capacity project may need to go through initiation after an application is received. For this report, the end of intake on the new business application is being used as the date a customer was notified of needing upstream capacity upgrades.

- Prior to March 2025, PG&E did not maintain historic linking of upstream capacity projects to the downstream new business projects they impacted. PG&E began maintaining these records in March 2025; therefore, historical data is not available for projects completed before that time. A downstream project may be dependent on multiple upstream projects to provide the full requested load. In addition, projects can be broken down based on the project type as the geographic location (multiple circuits or regions). Upstream capacity projects are also frequently tied to multiple downstream projects, making the maintenance of project mapping challenging and constantly evolving.
  - At this time, we report on all active upstream projects that were triggered by a new business order post March 2025. Please note that:
    - Days reported in **Section 3A. Upstream Capacity Upgrades** are based on time from initiation to completion of upstream capacity upgrade projects completed in 2023-2025.
    - Upstream capacity upgrade costs for completed projects cannot be accurately associated with downstream work. PG&E does provide separate and robust reporting on capacity projects with aggregate project costs in separate capacity specific CPUC filings.

PG&E will make all efforts to effectively energize all customer requests as quickly as possible. If full capacity is not available on the customer's requested date, PG&E will notify customers via a Load Limit Letter that their request is subject to temporary static load limits as a condition of initial energization until capacity upgrades are completed.

PG&E does not utilize a formal contract or bilateral agreement specific to customers taking service under a static or time-based load limit. Instead, PG&E issues a non-contractual notification letter, referred to as a Load Limit Letter, which outlines the interim service conditions under which a customer may receive limited electric service prior to the completion of necessary capacity upgrades. For this reason, the capacity listed under, "Amount of load (kW) provided to applicant using flexible service options (kW)" and "At the time energization provided, remaining (or total), unserved load requested by the applicant (kW)", are a reflection of the lowest capacity allotted to the customer. Additionally, "Estimate when full service will be provided to the applicant for customers using flexible service and/or receiving tiered load schedules (Date)" refers to the year the upstream capacity project is estimated to be completed.

- **Flexible Service Connection and Preliminary Capacity Assessment Reporting:**

The Flexible Service Connection offering and Preliminary Capacity Assessment process are pending CPUC approval via Advice Letters 7868-E and 7899-E, respectively. Upon approval, PG&E will implement the systems and processes needed to support the new Flexible Service Connection and Preliminary Capacity Assessment reporting requirements.

## **D. Outlier Data**

PG&E is committed to providing transparent reporting on the removal of any outlier data and reasoning for their exclusion. This ensures the integrity and accuracy of our data analysis and reporting processes. PG&E identifies and excludes specific project types and data anomalies from energization aggregate reporting to ensure accuracy and consistency. All outliers are included in the project level reporting but are excluded from aggregate reporting, these outlier definitions only apply to general tariff projects.

- **Date Sequence Errors:**

- Any project Step where the end date of that Step precedes the start date of that Step.
- Where any Step date occurs after the energization date or before the application start date.

- **Incomplete Status Verification:** Projects marked as “complete” in the System of Record but missing construction or energization dates, preventing confirmation of closure. Without these dates, PG&E cannot confirm whether the projects are genuinely closed.

In the ‘Tariff – Energized’ tab of the Biannual Energization Data Spreadsheet (**Attachment A**), PG&E has included 1170 energized projects with date sequence errors and 37 energization projects with incomplete status verification, with 1 project having both outlier types. These projects have been excluded from the statistics reported in the ‘Aggregate Summary’ tab. To identify outliers included in the Energization Data Reporting Spreadsheet, please refer to the “Outlier” column in each tariff reporting tab.

## **E. Exclusions**

- **Betterment Work:** PG&E excluded the reviewed projects associated with Maintenance Activity Type 16Z after determining that the associated work was betterment-related and was not directly driven by a specific customer request. See the discussion of in-scope Maintenance Activity Types in **Section 1E, Data Enhancements and Impact**, for additional information.
- **Streetlights:** Streetlights are categorized under Maintenance Activity Type 16O at PG&E. Per agreement with the joint IOU’s in California, work involving streetlights has been excluded from this report.
- **WRO:** Work Requested by Others (WRO) is only included in our reporting when it is in direct support of new business energization projects, and all other WRO work that does not directly contribute to customer energization is excluded.

## **4. Data & Reporting Insights**

### **A. Constraints**

PG&E’s energization activities may be affected by external events and broader operating conditions that influence funding, budgets, resource availability, work volume, and project schedules. These conditions may include large-scale emergencies, unanticipated changes in customer demand, authorized funding levels, workforce and supply-chain

constraints, external agency dependencies, and system-capacity requirements. PG&E has identified the following constraints:

- **Large-Scale Emergencies and Natural Disasters:** Wildfires, earthquakes, severe weather, and other significant emergencies may require PG&E to redirect personnel, materials, and equipment to emergency response, service restoration, public-safety activities, or work necessary to maintain system reliability.
- **Funding and Unexpected Customer Demand:** Energization planning is based on authorized funding levels and work-volume forecasts developed through multiyear planning processes. Unanticipated changes in customer demand, policy or incentive programs, market conditions, technology adoption, application volume, or requested load may create needs beyond those reflected in existing forecasts and authorized funding.
- **Supply Chain and Workforce Availability:** Supply-chain disruptions may affect the availability of necessary equipment and materials. Limitations in the availability of qualified personnel may also affect project schedules because recruiting, training, and developing personnel with the necessary technical qualifications requires time and sustained planning.
- **Permitting and External Agency Dependencies:** Energization projects may require permits, inspections, approvals, or other actions by local, state, federal, or other external agencies. The timing of these activities depends in part on the schedules and processes of those agencies and may affect overall energization timelines.
- **Upstream Distribution Capacity Upgrades:** Some customer connections require upstream distribution-capacity upgrades before the customer's full requested load can be served. The planning, permitting, material procurement, sequencing, and construction of these upgrades may add time and complexity to the energization process.
- **Information Technology and Data Systems:** PG&E's systems require continued development and enhancement to support evolving operational and reporting requirements. Existing system capabilities may affect process efficiency, while reporting-system limitations may affect the timing or availability of certain reportable information.

PG&E continues to monitor these constraints and take appropriate measures to mitigate their effects on energization activities and reporting where possible.

## **B. Launched and Future Enhancements Overview**

PG&E is committed to continuous improvement and transparency in our energization processes. The following summarizes recently launched improvements and additional improvements under development.

### **Customer Communication:**

- PG&E enhanced its automated customer email communications by providing guidance on maintaining application progress, outlining next steps, and including project-specific customer journey maps in English, Spanish, and Chinese. The maps outline the project phases from application submission through energization, provide average completion times for each phase, and identify customer and PG&E responsibilities.

Communications also now feature additional project resources and scam prevention information to better support customers throughout the process. PG&E also improved customer point-of-contact management within the Your Projects Customer Portal, enabling customers to add or update project contacts, including contractors.

### **Application Intake Improvements:**

- To improve transparency and ensure customers have access to current information, PG&E updated the “What’s New” and “Help” sections of the Your Projects Customer Portal by archiving outdated content and adding the Net Energy Metering (NEM2) Building Permit FAQ. The FAQ provides customers and contractors with information on completing final electric inspection clearance.

### **Customer and Project Contacts**

- PG&E enhanced the customer contact section in SAP so Project Managers can distinguish the primary customer from contractors and other third-party representatives listed as project contacts.
- PG&E also enabled recurring project meetings that conclude when a project is completed or no longer active, preventing customers from continuing to receive meeting invitations after the meetings are no longer needed.

### **Customer Project Meetings**

- PG&E enhanced the customer project meeting opt-in and opt-out process by adding reporting capabilities that track meeting completion status and identify the individual who conducted the meeting.

#### **Future Enhancements-**

- PG&E is developing an enhanced pre-application checklist within the Your Projects Customer Portal to simplify the application process, guide customers to the appropriate application, identify required application documentation, and provide the engineering advance amount, when required for applicable projects.
- PG&E is working to develop a monthly project update email and enhancements that will automatically update the Project Manager identified in recurring project meetings when the assigned Project Manager changes.
- Additionally, PG&E is developing enhanced phase alignment and timeline tracking for agency reviews and project inspections across the OIR phases established by the CPUC. These enhancements are intended to improve reporting transparency and provide more accurate visibility into both utility-managed and customer-managed timelines.

## **5. Conclusion**

PG&E is committed to complying with the biannual reporting requirements of D.24-09-020 and providing detailed data to the Commission. As highlighted in **Section 3A. Data Gaps and Initiatives**, PG&E has made significant progress in closing outstanding data gaps and continues to work toward providing all required reportable fields. As we approach Phase 2 of the OIR, we look forward to working with the Commission to further refine those reporting requirements and ensure our processes and tools align with OIR standards. We will continue to track and report all necessary information to demonstrate our progress and identify areas for improvement. PG&E is dedicated to working collaboratively with the CPUC to achieve the goals outlined in D.24-09-020, and we are confident that our ongoing efforts will lead to improved energization timelines and enhanced customer satisfaction.

## **APPENDIX 1**

### **PG&E's Section 935 Annual Report for 2026**

This appendix is provided electronically in the form of a PDF attachment:

**PACIFIC GAS AND ELECTRIC COMPANY**

**PUBLIC UTILITIES CODE SECTION 935 ANNUAL REPORT FOR  
2026**

**PACIFIC GAS AND ELECTRIC COMPANY**  
**PUBLIC UTILITIES CODE SECTION 935 ANNUAL REPORT FOR 2026**

**TABLE OF CONTENTS**

|                                                                                 |    |
|---------------------------------------------------------------------------------|----|
| A. Executive Summary and Overview .....                                         | 1  |
| B. Framework for this Report .....                                              | 2  |
| 1. Basis for Pub. Util. Code 935 Report: The Powering Up Californians Act ..... | 2  |
| 2. PG&E's Approach to the Pub. Util. Code 935 Report .....                      | 3  |
| C. PG&E's Current Workforce Planning and Staffing .....                         | 4  |
| 1. Overview of Workforce Planning and Strategy .....                            | 4  |
| a. Long-Term Staffing Needs .....                                               | 5  |
| b. Collective Bargaining Agreement Requirements .....                           | 6  |
| c. Regional Labor Needs .....                                                   | 7  |
| d. Other Budget Considerations .....                                            | 7  |
| 2. Deploying the Workforce .....                                                | 8  |
| D. Current Staffing and Adequacy to Meet Demand .....                           | 9  |
| E. Future Staffing Analysis .....                                               | 11 |
| F. Apprentice Pipeline Analysis .....                                           | 15 |
| 1. Lineworker Apprentice Program .....                                          | 16 |
| 2. Cable Splicer Apprenticeship .....                                           | 17 |
| 3. Electrician Apprenticeships .....                                            | 18 |
| 4. Electric Technician Apprenticeship .....                                     | 19 |
| 5. Distribution System Operator Apprenticeship .....                            | 20 |
| 6. Metering System Technician Apprenticeship .....                              | 21 |
| G. Conclusion .....                                                             | 22 |

# PACIFIC GAS AND ELECTRIC COMPANY

## PUBLIC UTILITIES CODE SECTION 935 ANNUAL REPORT FOR 2026

### A. Executive Summary and Overview

Pacific Gas and Electric Company (PG&E) presents the following 2026 annual report on its current and potential future Electric Distribution staffing needs. PG&E submits this report in compliance with Public Utilities Code (Pub. Util. Code) Section 935.

PG&E's Electric Distribution organization currently employs over 11,462 coworkers, which includes approximately 5,200 International Brotherhood of Electrical Workers (IBEW) union-represented coworkers, and approximately 3,100 Engineers and Scientists of California (ESC) union-represented coworkers. Based on the 2027 General Rate Case (GRC) forecast for Electric Distribution presented in Exhibit (PG&E-4), PG&E's projects a potential need to increase the headcount resources by approximately 1,000 by 2030 in order to match the forecasted volume of work. Lineworkers, engineers, apprentices (across several apprentice types), crew leads, estimators, and electricians account for the majority of the headcount increase. PG&E anticipates growing its linework, cable splicer, electrician, and distribution system operator apprentice pipelines to scale with the forecasted volume of work.

To the extent that work volumes changes, PG&E's headcount projections would similarly change. PG&E projects hiring plans multi-year and adjusts hiring plans on an annual basis based on workplan needs. Further, the hiring plans can be adjusted in-year as business needs arise or change.

The remainder of this report is divided into five sections:

- Section B – Framework for the Report: This section provides an overview of the Powering Up Californians Act, which requires this Pub. Util. Code Section 935 Report. This section further explains how PG&E has implemented Section 935 for this report.

- Section C – Overview of PG&E’s Workforce Planning and Strategy: This describes PG&E’s current workforce planning process, strategy, and deployment.
- Section D – Current Staffing and Adequacy to Meet Demand: This discussion discusses existing staffing levels and how these levels are generally adequate to meet overall electric distribution needs.
- Section E – Future Staffing Analysis: This section describes the methodology for forecasting potential future staffing needs by job groupings, based upon PG&E’s Electric Distribution forecasts in the 2027 GRC. The analysis takes into consideration the type of electric distribution work forecasted compared to the work PG&E’s workforce complete today.
- Section F – Apprentice Pipeline Analysis: This section describes PG&E’s key apprentice programs that develop a pipeline for maintaining a sufficiently-sized qualified workforce to carryout electric distribution work. This section also discusses how PG&E plans to scale these apprenticeship programs to meet future potential staffing needs.

## B. Framework for this Report

### 1. Basis for Pub. Util. Code 935 Report: The Powering Up Californians Act

In 2023, the California legislature enacted the Powering Up Californians Act (Act) setting forth state policy that upgrades to the electrical corporations’ distribution systems are critical to meet the state’s decarbonization goals, comply with their obligation to serve customers, and ensure that housing, businesses, and electric transportation vehicles can be used without delays.<sup>1</sup> Part of the impetus for the Act was a rising concern over electrical corporations’ ability to timely energize customer requests.<sup>2</sup> As part of this policy, the legislature determined that electrical corporations must recruit, train, and retain an adequately-sized qualified workforce to complete the energization work to upgrade electrical distribution systems and promptly connect customers without sacrificing other necessary activities to maintain the safety and reliability, such as wildfire mitigation,

---

<sup>1</sup> Pub. Util. Code § 933(a-d).

<sup>2</sup> Pub. Util. Code § 932(a)(3-4).

inspection and maintenance activities, and other critical work.<sup>3</sup> The Act also finds that the California Public Utilities Commission shall require the electrical corporation to have adequate qualified staffing and maintain a pipeline of apprentices to achieve these policies.<sup>4</sup>

To ensure that electrical corporations meet this workforce policy, the Powering Up Californians Act, Section 935, requires electrical corporations to provide an annual report with a detailed analysis of its current qualified staffing level and future required staffing level for each job classification needed to carry out the advanced planning, engineering, and construction of electrical distribution systems needed to promptly energize customers, while still completing other required work.<sup>5</sup>

## 2. PG&E's Approach to the Pub. Util. Code 935 Report

While most provisions in the Powering Up California Act focus on the funding and timely completion of *energization* work (customer connections and capacity projects), Section 935 addresses staffing needs for both *energization* work and other electric work for maintaining safety and reliability. PG&E therefore assessed staffing needs not by a specific type of electric distribution work, but instead assessed those needs holistically across its full portfolio of electric distribution work. This is because labor resources work across electric distribution programs and PG&E must constantly evaluate the need to adjust its use of resources (internal and external) for that work. For instance, a lineworker may work on New Business capital projects (energization), distribution maintenance, or system operations. As a result, the staffing-level analysis presented in this Report includes the labor that supports energization work, as well as other electric distribution work. PG&E believes that this captures the intent of the statute to ensure that electrical corporations retains a sufficiently-sized qualified workforce to timely energize customers without sacrificing the other activities completed by the workforce.

---

<sup>3</sup> Pub. Util. Code § 933(e).

<sup>4</sup> Pub. Util. Code § 935(b-c).

<sup>5</sup> Pub. Util. Code § 935(a).

In addition, while PG&E's advanced planning, engineering, and construction activities are generally performed by its asset management, estimating, and construction groups, respectively, numerous other job groups that may not fit squarely in these three categories are critical parts of planning, building, and maintaining PG&E's electric distribution system. To provide a detailed analysis, this report includes 32 different job groupings that perform the planning, engineering, construction, and more. These groupings are consistent with how PG&E categorizes job titles (and associated job identification codes) at the enterprise level. The specific job titles in the Electric Distribution organization associated with each job grouping is provided in Appendix 1.

This Report provides an overview of PG&E's workforce planning approach to illustrate key considerations for meeting total workforce needs. The potential staffing needs identified in this Report could be met through a combination of strategies, such as training labor, recruiting trained labor, or taking actions to retain existing trained labor that is at risk of departing. The appropriate strategy for a specific job position varies, depending on the geographic location and urgency of staffing needs. However, PG&E provides additional information on how it would scale its apprenticeship pipeline to maintain a sufficiently-sized qualified workforce to meet future increased demand for electric distribution work.

In summary, PG&E's approach to this Pub. Util. Code Section 935 report is intended to be fully-inclusive of all electric distribution staffing needs to complete forecasted electric investments for our distribution grid through 2030.

## c. PG&E's Current Workforce Planning and Staffing

### 1. Overview of Workforce Planning and Strategy

PG&E examines its hiring needs annually based on the company's workplan needs. Investment planning teams select workplans (scope and timing) and establish financial targets based on the company's risk prioritization, regulatory requirements, and other strategic goals (such as maintaining affordability). Once the work and budget are determined, the specific departments assigned the work determine whether any headcount

adjustments are necessary. Requests for additional headcount are analyzed by workforce planning and strategy teams to determine whether the additional headcount request satisfies various criteria, including: (1) long-term hiring needs; (2) collective bargaining agreements with IBEW and ESC, (3) regional staffing needs, and (4) other budget considerations. These factors are discussed in greater detail below.

PG&E's staffing-level analyses generally are only completed for departments that complete programmatic, planned work.<sup>6</sup> The analyses must be completed to ensure that the work can be executed by internal resources in alignment with the scope, timing and budget established for the work. PG&E utilizes its existing workforce to meet forecasted and priority needs; any residual, larger, or complex/specialized work is assigned to qualified contractors.

PG&E has enhanced its work-planning process in recent years to consider multi-year investment needs and opportunities to bundle work activities to drive cost efficiencies. This multi-year workplan view has presented the added benefit of visibility for longer-term hiring needs. This will enhance PG&E's ability to leverage its apprenticeship programs, which are multi-year training programs to meet future needs for a trained workforce. Lastly, the visibility into longer-term workforce needs enables PG&E to stage its hiring and recruitment efforts over time.

#### **a. Long-Term Staffing Needs**

When there is an increase in a particular work activity in the near-term, PG&E first considers whether the level of work activity will remain long-term before hiring additional staff. This ensures that any additional headcount will not sit idle or be subject to layoffs if the level of work activity is likely to decrease in the future. Instead, PG&E will use contract labor to meet short-term staffing needs to complete the work.

When work levels indicate that additional staff is warranted in the long-term, PG&E scales the workforce linearly from its existing

---

<sup>6</sup> Certain work is generally excluded from staffing-level analyses if the staffing levels necessary to complete the work are subject to annual fluctuations due to the emergent nature of the work. Examples of these type of programs include emergency response and emergent maintenance work.

60 percent internal/external ratio. On average, PG&E utilizes contract labor to supplement approximately 40 percent of planned work, typically larger or complex/specialized work.

The rationale for using external labor for a portion of the work is because the volume of staff needed throughout the year varies by season and emergent events. As a result, PG&E plans for internal staffing that is sufficient to address work needs in the lowest demand periods, and not the highest demand periods. PG&E does not hire internal staff above what is needed to execute work during the lowest demand periods, otherwise PG&E staff would sit idle in the low demand periods, which is not in the interest of affordability. As a result, contract labor is core aspect of PG&E's workforce strategy. Contract labor enables PG&E to quickly scale the workforce as needed.

**b. Collective Bargaining Agreement Requirements**

PG&E has three collective bargaining agreements (CBA). The IBEW-Clerical CBA governs the terms of employment for customer service, clerks, and job positions that are more administrative in nature. The IBEW-Physical CBA governs the terms of employment for field employees such as lineworkers and electricians. The ESC CBA governs the terms of employment for engineers, project managers, contract administrators, and other technical specialists. Each CBA (including modifications to the CBA through letter agreements) determines the skills and qualifications necessary for each union-represented position, as well as the line of progression for employees.<sup>7</sup> Certain high-skill or safety-critical positions require completion of multi-year training programs or apprenticeships, which include on-the-job training. The IBEW-Physical CBA also establishes standards for on-the-job training, including how many trained employees (journey workers) are on a worksite relative to trainees (apprentices) to ensure adequate oversight and teaching opportunities (i.e., Training Labor Ratio).

---

<sup>7</sup> A line of progression is the sequence of trainings and job levels to advance responsibilities and, often, pay.

The terms of each CBA are an important factor in the strategy and rate at which PG&E can adjust its overall headcount. For example, PG&E can only hire apprentice workers to the extent there are journey workers available to train the apprentices in accordance with the Training Labor Ratio. While PG&E prefers to develop its workforce through its apprentice programs, when trained labor is needed immediately, PG&E may opt for hiring trained labor or seek to retain existing trained personnel (if they are seeking alternate positions).

**c. Regional Labor Needs**

PG&E's workforce resides in communities throughout our service territory, which expands across central and northern California. Employees are assigned to regional offices, service centers, or service yards. When assessing workforce needs, PG&E takes into consideration where the work demand is regionally. If work demand is growing in a region, the ability to hire apprentices to meet that demand is limited by the number of journey workers assigned to that service yard to remain compliant with the Training Labor Ratio. However, if work demand is flat or decreasing in a region but is fully staffed with trained labor, PG&E may not offer apprentice positions because there is not local workforce need.

**d. Other Budget Considerations**

When a department requests additional headcount, a portion of the costs to accommodate additional headcount impacts the budgets of other organizations. For instance, additional headcount for lineworkers requires additional trucks, equipment, and IT support. Additional headcount also impacts medical and other benefits budgets. Thus, the timing and rate of headcount increases must be coordinated with the budget and ability of other functional areas and departments to support the additional headcount.

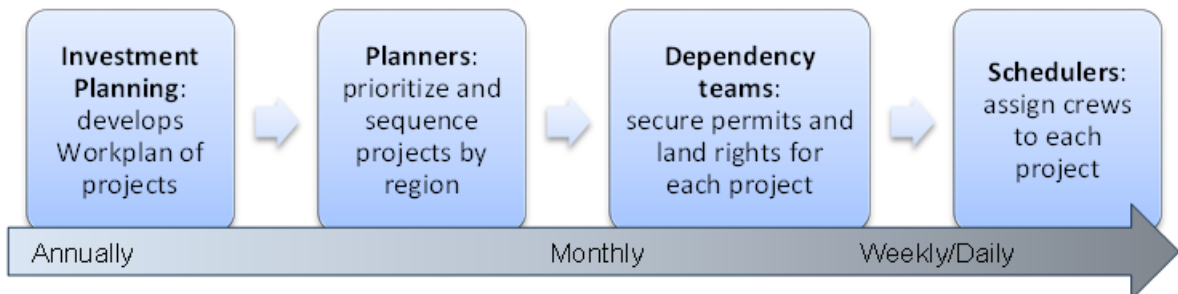
On a related note, when an organization has persistent charges to overtime orders (thus increasing costs), PG&E prioritizes hiring in these areas. For example, if we plan for overtime hours in the annual budget but the overtime hours exceeds the planned amount at year-end, and

this continues for two or three years, we focus on increasing headcount in those areas. Adding internal labor in these scenarios may cost less for our customers compared to paying overtime.

## 2. Deploying the Workforce

PG&E's workplans identify by region and order number all planned work to be completed in an upcoming year. The workplans provide visibility on the amount of work that will be performed in the region, and whether contract resources will be necessary to supplement any regional work. To the extent that additional external labor resources are needed, PG&E's sourcing department will utilize existing agreements with labor contractors to procure bids for short-term labor needs.

**FIGURE 1  
WORKFORCE DEPLOYMENT**

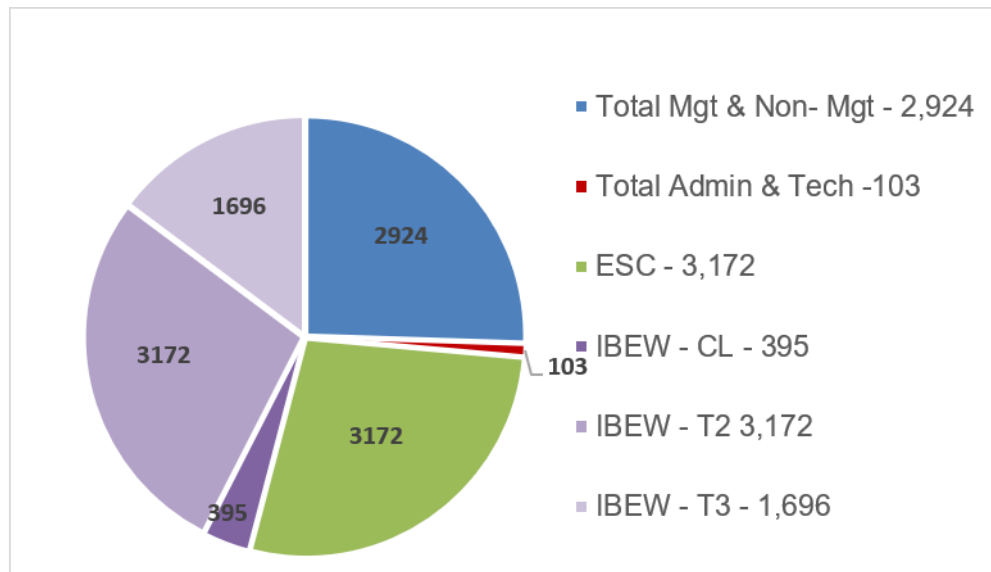


The orders associated with a project are then sequenced and scheduled. Estimating planners view workplans to determine the timeline and sequence for estimators to complete their work. The construction planners sequence the orders in each region to align with priorities and regional needs for completing work. A dependencies team uses the workplan along with the estimating and construction's sequencing plans to develop a plan for securing permits and acquiring land rights (if needed). Schedulers then assign crews (either internal or external) to complete the work per the CBA. Schedulers must take into consideration the crew size needed for a project, and that all labor ratios meet the CBAs and letter agreements. Figure 1 shows this workforce deployment process at a high-level, including the general frequency of the activity.

## d. Current Staffing and Adequacy to Meet Demand

PG&E's workforce supporting Electric Distribution activities includes approximately 11,462 employees, including over 5,200 IBEW-represented employees and over 3,100 ESC-represented employees.

**FIGURE 2**  
**2026 YEAR-TO-DATE ELECTRIC DISTRIBUTION WORKFORCE**



Note: Year-to-Date is as of June 30, 2026.

PG&E's overall workforce supporting Electric Distribution has steadily grown since 2020 to keep pace with the level of work required. Table 1 shows the change in staffing by job grouping between 2020-2026 (year to date).<sup>8</sup> Lineworkers, Electric Line Assistant, Coordinators, Electricians, Engineers, and Analyst/Specialists have all grown more than 30 percent since 2020 and have seen the greatest amount of net growth within the electric organization. Other job groupings, such as cable splicers, clerical workers, field technicians, and technicians, have remained steady or decreased despite overall electric distribution work level increasing over the 2020-2026 period.

<sup>8</sup> Table 1 includes job groupings that appear to have no or few employees. This is because that job grouping primarily serves other functional areas within the company, and not electric distribution.

**TABLE 1**  
**ELECTRIC DISTRIBUTION WORKFORCE**  
**(NUMBER OF EMPLOYEES)**

| <b>Job Grouping</b>         | <b>2020</b> | <b>2021</b> | <b>2022</b> | <b>2023</b> | <b>2024</b> | <b>2025</b> | <b>YTD<br/>2026</b> | <b>Change<br/>since<br/>2020</b> | <b>Percent<br/>Change<br/>since<br/>2020</b> |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|----------------------------------|----------------------------------------------|
| Associate Distribution Eng  | 234         | 227         | 236         | 268         | 257         | 246         | 232                 | -2                               | -1%                                          |
| Analysts/Specialists        | 1056        | 1201        | 947         | 1337        | 1289        | 1413        | 1604                | 548                              | 52%                                          |
| Apprentice                  | 589         | 618         | 621         | 597         | 621         | 631         | 625                 | 36                               | 6%                                           |
| Cable Splicer               | 52          | 47          | 47          | 44          | 50          | 46          | 52                  | 0                                | 0%                                           |
| Clerical                    | 788         | 786         | 731         | 736         | 748         | 768         | 765                 | -23                              | -3%                                          |
| Coordinators                | 145         | 167         | 176         | 184         | 203         | 202         | 205                 | 60                               | 41%                                          |
| Craft Worker                | 132         | 171         | 179         | 160         | 164         | 149         | 158                 | 26                               | 20%                                          |
| Crew Leader                 | 551         | 561         | 569         | 578         | 594         | 577         | 584                 | 33                               | 6%                                           |
| Dispatcher                  | 53          | 56          | 53          | 59          | 62          | 60          | 63                  | 10                               | 19%                                          |
| Electric Line Assistant     | 19          | 37          | 39          | 69          | 78          | 43          | 57                  | 38                               | 200%                                         |
| Electricians                | 269         | 257         | 260         | 265         | 269         | 367         | 380                 | 111                              | 41%                                          |
| Engineer                    | 746         | 839         | 871         | 949         | 980         | 1043        | 1090                | 344                              | 46%                                          |
| Equipment Operator          | 111         | 122         | 121         | 123         | 139         | 134         | 150                 | 39                               | 35%                                          |
| Estimator                   | 532         | 539         | 567         | 654         | 634         | 610         | 603                 | 71                               | 13%                                          |
| Field Technician            | 391         | 424         | 331         | 408         | 380         | 308         | 326                 | -65                              | -17%                                         |
| Inspectors                  | 196         | 186         | 184         | 232         | 254         | 308         | 369                 | 173                              | 88%                                          |
| Land and Environment        | 376         | 404         | 395         | 408         | 403         | 392         | 385                 | 9                                | 2%                                           |
| Leadership                  | 296         | 315         | 305         | 361         | 398         | 514         | 540                 | 244                              | 82%                                          |
| Line Worker                 | 572         | 558         | 666         | 737         | 794         | 791         | 793                 | 221                              | 39%                                          |
| Materials Worker            | 1           | 1           | 1           | 2           | 1           | 1           | 1                   | 0                                | 0%                                           |
| Mechanic                    | 3           | 2           | 3           | 4           | 4           | 5           | 5                   | 2                                | 67%                                          |
| New Business Representative | 278         | 344         | 340         | 335         | 332         | 331         | 331                 | 53                               | 19%                                          |
| Project Manager             | 227         | 265         | 219         | 210         | 221         | 278         | 309                 | 82                               | 36%                                          |
| Safety and Security         | 18          | 19          | 14          | 15          | 19          | 21          | 27                  | 9                                | 50%                                          |
| Scientists                  | 61          | 63          | 61          | 61          | 65          | 68          | 67                  | 6                                | 10%                                          |
| Service Representative      | 3           | 4           | 1           | 1           | 1           | 0           | 0                   | -3                               | -100%                                        |

|                         |             |             |             |              |              |              |              |             |            |
|-------------------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|------------|
| Supervisor- Back Office | 132         | 147         | 140         | 165          | 150          | 201          | 206          | 74          | 56%        |
| Supervisor- Frontline   | 492         | 510         | 525         | 566          | 550          | 625          | 649          | 157         | 32%        |
| System Operator         | 168         | 175         | 192         | 192          | 198          | 204          | 201          | 33          | 20%        |
| Technician              | 130         | 140         | 136         | 131          | 127          | 125          | 123          | -7          | -5%        |
| Troubleshooter          | 402         | 400         | 402         | 414          | 425          | 423          | 433          | 31          | 8%         |
| Utility Worker          | 117         | 128         | 92          | 138          | 145          | 106          | 129          | 12          | 10%        |
| <b>Grand Total</b>      | <b>9140</b> | <b>9713</b> | <b>9424</b> | <b>10403</b> | <b>10555</b> | <b>10990</b> | <b>11462</b> | <b>2322</b> | <b>25%</b> |

As described above, PG&E constructs, operates, and maintains the electric distribution system using a combination of internal and external labor—typically at a 60/40 splits. This ratio ensures PG&E’s internal workforce is not idle during low-demand periods during a year. PG&E can scale contract resources as needed to meet seasonal or emergent demand.

## E. Future Staffing Analysis

The 2027 GRC Application (A.25-05-009) presents PG&E’s proposed risk-informed, multi-year Electric Distribution forecasts for work necessary to safely and reliably construct, operate, and maintain the electric distribution system. For purposes of analyzing future potential staffing needs, PG&E uses these forecasts as the basis for level of Electric Distribution work that will be required through 2030. Thus, the following analysis identifies the potential long-term staffing needs during this period. To the extent that authorized funding differs from PG&E’s forecasts, the level of work required and the associated staffing needs will change.

In this analysis, PG&E first determined the annual percentage change of expenditures by MWC Groupings (Distribution Projects, Distribution Maintenance, Distribution Support Services, New Business, System Operations, Transmission & Substation, and Vegetation Management) (See Table 2). The MWCs assigned to each MWC Grouping are provided in Appendix 2. This methodology provides granularity regarding the annual percentage changes in labor hours expected by job type based on the type and level of work forecast in the GRC. For example, total labor hours for Electric Distribution, year over year, increased in 2025 and is forecasted to increase in 2027, 2028 and 2030 and decrease in 2026, and 2029 based upon PG&E’s 2026-2030 Electric Distribution

forecast. MWC Groupings align to the organizations accountable for managing budgets and headcount within Electric Distribution.

**TABLE 2  
YEAR OVER YEAR FORECASTED SPEND CHANGE BY MWC GROUPING**

| <b>MWC Groupings</b>              | <b>2025<br/>ACTUALS %</b> | <b>New 2026<br/>FCST %</b> | <b>2027<br/>FCST %</b> | <b>2028<br/>FCST %</b> | <b>2029<br/>FCST %</b> | <b>2030<br/>FCST %</b> |
|-----------------------------------|---------------------------|----------------------------|------------------------|------------------------|------------------------|------------------------|
| Distribution Projects & Hardening | 40%                       | 10%                        | -30%                   | -28%                   | -3%                    | 9%                     |
| Electric Dist Maintenance         | 31%                       | -19%                       | 72%                    | 6%                     | 6%                     | 13%                    |
| Distribution Support Services     | 6%                        | 11%                        | -33%                   | -10%                   | 0%                     | 21%                    |
| New Business                      | 11%                       | 2%                         | 51%                    | 28%                    | -39%                   | 25%                    |
| System Operations & Inspections   | -4%                       | -13%                       | 4%                     | 2%                     | 2%                     | 3%                     |
| Transmission & Substation         | 16%                       | 15%                        | 38%                    | 8%                     | 15%                    | 7%                     |
| Veg Management                    | -4%                       | -18%                       | -8%                    | -1%                    | -1%                    | -1%                    |
| <b>Grand Total</b>                | <b>16%</b>                | <b>-3.0%</b>               | <b>11%</b>             | <b>3%</b>              | <b>-8%</b>             | <b>12%</b>             |

Next, PG&E identified recorded data for labor hours (standard and overtime) by job identification code charged to each MWC in the Electric Distribution portfolio in 2024 and 2025. There are over 370 job identification codes relevant to Electric Distribution, so the codes were consolidated into 32 job groupings used at the enterprise-level for workforce planning. PG&E then scaled the labor hours for each job grouping corresponding to the annual forecast changes by the MWC groupings shown above in Table 2.

The change in labor hours for each job grouping is then converted to available hours to be charged to electric distribution work by applying a Productive Capacity Factor to assumed annual hours of 2,080 per employee. This accounts for the time not spent working directly on energization or other electric distribution work such as training, safety meetings, travel time, etc.. Table 3 shows the results from this analysis: the approximate change in total resources needed by job grouping from 2026-2030 based on PG&E's Electric Distribution forecasts. Table 4 shows the total incremental headcount for each job category by MWC Grouping. PG&E will then determine the best use of resources either internal or external to complete the work. Internal resources

are generally added where steady state work demand is needed for the outer years.

**TABLE 3**  
**CHANGE IN HEADCOUNT BY JOB GROUPING BASED ON 2027 GRC REQUEST**

| <b>Job Groupings</b>        | <b>2025</b> | <b>2026</b> | <b>2027</b> | <b>2028</b> | <b>2029</b> | <b>2030</b> | <b>26-30 Total</b> |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|
| ADE                         |             | (4)         | 9           | (4)         | 3           | 8           | <b>12</b>          |
| Analysts/Specialists        |             | (9)         | 19          | (2)         | 1           | 31          | <b>40</b>          |
| Apprentice                  |             | (23)        | 100         | 28          | (35)        | 58          | <b>128</b>         |
| Cable Splicer               |             | (1)         | 6           | 3           | (6)         | 4           | <b>6</b>           |
| Clerical                    |             | (1)         | 0           | 0           | 0           | 0           | <b>(1)</b>         |
| Coordinators                |             | 0           | 14          | 11          | (21)        | 8           | <b>12</b>          |
| Craft Worker                |             | (2)         | 7           | 3           | 2           | 2           | <b>12</b>          |
| Crew Leader                 |             | (17)        | 94          | 28          | (17)        | 49          | <b>137</b>         |
| Dispatcher                  |             | (4)         | 1           | 0           | 1           | 1           | <b>(1)</b>         |
| Electric Line Assistant     |             | (5)         | 16          | 6           | (7)         | 7           | <b>17</b>          |
| Electricians                |             | 17          | 50          | 15          | 22          | 17          | <b>121</b>         |
| Engineer                    |             | 12          | 66          | 13          | 28          | 35          | <b>154</b>         |
| Equipment Operator          |             | (3)         | 15          | 3           | (11)        | 13          | <b>17</b>          |
| Estimator                   |             | (20)        | 50          | (9)         | 13          | 35          | <b>69</b>          |
| Field Technician            |             | (15)        | 18          | 5           | (1)         | 13          | <b>20</b>          |
| Inspectors                  |             | (15)        | 16          | 2           | 7           | 12          | <b>22</b>          |
| Land and Environment        |             | 5           | (3)         | 0           | (21)        | 17          | <b>(2)</b>         |
| Leadership                  |             | 1           | (6)         | (4)         | 0           | 1           | <b>(8)</b>         |
| Line Worker                 |             | (56)        | 165         | 50          | (69)        | 90          | <b>180</b>         |
| Materials Worker            |             | 0           | 0           | 0           | 0           | 0           | <b>0</b>           |
| Mechanic                    |             | 0           | 1           | 0           | 1           | 0           | <b>2</b>           |
| New Business Representative |             | 0           | (1)         | (1)         | 0           | 0           | <b>(2)</b>         |
| Project Manager             |             | 12          | (10)        | (15)        | 9           | 11          | <b>7</b>           |
| Scientists                  |             | 1           | (2)         | (2)         | 0           | 0           | <b>(3)</b>         |
| Supervisor- Back Office     |             | 0           | (3)         | (2)         | 0           | 0           | <b>(5)</b>         |

|                       |              |            |            |              |            |             |
|-----------------------|--------------|------------|------------|--------------|------------|-------------|
| Supervisor- Frontline | 1            | 1          | (1)        | 2            | 1          | <b>4</b>    |
| System Operator       | (6)          | 14         | 3          | (1)          | 7          | <b>17</b>   |
| Technician            | 3            | (6)        | 0          | (5)          | 11         | <b>3</b>    |
| Troubleshooter        | (22)         | 16         | 6          | (2)          | 10         | <b>8</b>    |
| Utility Worker        | 2            | 20         | 5          | (2)          | 11         | <b>36</b>   |
| <b>Grand Total</b>    | <b>(149)</b> | <b>667</b> | <b>141</b> | <b>(109)</b> | <b>452</b> | <b>1002</b> |

**TABLE 4**  
**NET CHANGE IN HEADCOUNT BETWEEN 2026-2030**  
**BY MWC GROUPING BASED ON 2027 GRC REQUEST**

| <b>Job Groups</b>           | <b>Distribution<br/>Projects &amp;<br/>Hardening</b> | <b>Maintenance</b> | <b>Support<br/>Services</b> | <b>New<br/>Business</b> | <b>System Ops<br/>&amp;<br/>Inspections</b> | <b>Transmission<br/>&amp; Substation</b> | <b>Vegetation<br/>Management</b> |
|-----------------------------|------------------------------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------------------|------------------------------------------|----------------------------------|
| ADE                         | (13)                                                 | 27                 | (1)                         | 0                       | (1)                                         | 0                                        | 0                                |
| Analysts/Specialists        | (36)                                                 | 36                 | (6)                         | 10                      | (6)                                         | 43                                       | (1)                              |
| Apprentice                  | (36)                                                 | 97                 | 0                           | 37                      | (4)                                         | 35                                       | (1)                              |
| Cable Splicer               | (4)                                                  | 6                  | 0                           | 5                       | (1)                                         | 0                                        | 0                                |
| Clerical                    | 0                                                    | 0                  | 0                           | 0                       | (1)                                         | 0                                        | 0                                |
| Coordinators                | (2)                                                  | 1                  | 0                           | 13                      | 0                                           | 0                                        | 0                                |
| Craft Worker                | 0                                                    | 6                  | (1)                         | 1                       | (2)                                         | 8                                        | 0                                |
| Crew Leader                 | (23)                                                 | 75                 | (1)                         | 27                      | (4)                                         | 64                                       | (1)                              |
| Dispatcher                  | 0                                                    | 0                  | 0                           | 0                       | (1)                                         | 0                                        | 0                                |
| Electric Line Assistant     | (3)                                                  | 16                 | 0                           | 5                       | (1)                                         | 0                                        | 0                                |
| Electricians                | (2)                                                  | 1                  | 0                           | 3                       | 0                                           | 119                                      | 0                                |
| Engineer                    | (17)                                                 | 36                 | (5)                         | 5                       | (1)                                         | 136                                      | 0                                |
| Equipment Operator          | (13)                                                 | 23                 | 0                           | 8                       | (1)                                         | 0                                        | 0                                |
| Estimator                   | (40)                                                 | 107                | (1)                         | 0                       | (1)                                         | 4                                        | 0                                |
| Field Technician            | (5)                                                  | 11                 | (3)                         | 4                       | (6)                                         | 19                                       | 0                                |
| Inspectors                  | (11)                                                 | 15                 | (1)                         | 2                       | (5)                                         | 22                                       | 0                                |
| Land and Environment        | (27)                                                 | 9                  | (4)                         | 15                      | (1)                                         | 9                                        | (3)                              |
| Leadership                  | (7)                                                  | 0                  | 0                           | 0                       | (1)                                         | 0                                        | 0                                |
| Line Worker                 | (45)                                                 | 175                | 0                           | 58                      | (7)                                         | 2                                        | (3)                              |
| Materials Worker            | 0                                                    | 0                  | 0                           | 0                       | 0                                           | 0                                        | 0                                |
| Mechanic                    | 0                                                    | 0                  | 0                           | 0                       | 0                                           | 2                                        | 0                                |
| New Business Representative | (2)                                                  | 0                  | 0                           | 0                       | 0                                           | 0                                        | 0                                |

|                         |              |            |             |            |             |            |            |
|-------------------------|--------------|------------|-------------|------------|-------------|------------|------------|
| Project Manager         | (37)         | 8          | (1)         | 0          | 0           | 37         | 0          |
| Scientists              | (3)          | 1          | (1)         | 0          | 0           | 0          | 0          |
| Supervisor- Back Office | (4)          | 0          | 0           | 0          | (1)         | 0          | 0          |
| Supervisor- Frontline   | (3)          | 1          | (1)         | 0          | (1)         | 8          | 0          |
| System Operator         | (4)          | 10         | 0           | 4          | (2)         | 9          | 0          |
| Technician              | (4)          | 8          | (7)         | 5          | (1)         | 2          | 0          |
| Troubleshooter          | (2)          | 11         | (1)         | 5          | (7)         | 2          | 0          |
| Utility Worker          | (9)          | 13         | 0           | 5          | (1)         | 28         | 0          |
| <b>Total</b>            | <b>(352)</b> | <b>693</b> | <b>(34)</b> | <b>212</b> | <b>(57)</b> | <b>549</b> | <b>(9)</b> |

In years where the analysis shows a decrease in need for a particular job category, PG&E plans to hold headcount flat (i.e., PG&E does not plan to reduce the internal workforce for this reason). Instead, in these instances, PG&E reduces the amount of contract labor (i.e., PG&E would use fewer external workers). These annual variations in workforce needs illustrates one of the benefits of utilizing external contractors as part of the overall workforce strategy: contract labor allows PG&E to maintain a steady internal workforce. The net total headcount (2026-2030) represents the proposed approximate long-term incremental headcount need based on the 2027 GRC request.

Lastly, while this analysis is based on scaling labor based on the 2027 GRC cost forecasts, PG&E existing staffing plans warrant adjustments to the analysis provided above. We plan to keep headcount steady for several job categories (analysts/specialists, leadership, safety/security, scientists, and supervisor-back office). With these adjustments, PG&E's future potential labor needs decrease, indicating a headcount increase of 978 resources by 2030 compared to 2025 headcount levels. See Table 5 below for details.

**TABLE 5**  
**ADJUSTMENTS TO 2027 GRC REQUEST-BASED HEADCOUNT FORECAST**

|                                    | 2026         | 2027       | 2028       | 2029         | 2030       | Net Total    |
|------------------------------------|--------------|------------|------------|--------------|------------|--------------|
| <b>2027 GRC Forecast Headcount</b> | <b>(149)</b> | <b>667</b> | <b>141</b> | <b>(109)</b> | <b>452</b> | <b>1,002</b> |
| Job Groupings that will not Scale  | (7)          | 8          | (10)       | 1            | 32         | 24           |
| <b>Adjusted Headcount</b>          | <b>(142)</b> | <b>659</b> | <b>151</b> | <b>(110)</b> | <b>420</b> | <b>978</b>   |

As described above, PG&E will use an “all of the above approach” (recruit, train, and retain) to increase its workforce to meet the level of work, tailored to the specific job position and region.

## F. Apprenticeship Pipeline Analysis

A critical component of PG&E’s staffing strategy is establishing an adequate pipeline of qualified labor to meet future staffing needs. Qualified labor, in this instance, refers to job positions that require completion of an apprenticeship or other formal training program, as required by CBAs. Formal apprenticeship programs have been created between PG&E and the IBEW for specific job positions that the Joint Apprenticeship Training Committee (JATC)<sup>9</sup> designated as warranting formal, multi-year training programs, including classroom and on-the-job training, given the safety risks and public impacts inherent in the work. The JATC seeks California state approval of the apprenticeship programs to certify that the programs meet the curriculum criteria established by the state. There are six job positions in PG&E’s electric distribution portfolio requiring completion of a JATC-approved and state-approved apprenticeship:

(1) lineworkers, (2) cable splicers, (3) electricians, (4) electric technicians, (5) distribution system operators, and (6) metering system technicians. PG&E continuously works with IBEW to ensure the apprentice pipeline remains full and in compliance with the CBAs (and letter agreements) to accommodate future staffing needs.

PG&E and ESC also developed formal multi-year training programs for certain job positions. These training programs are designed by the Joint Training Committee (JTC).<sup>10</sup> To date, there are three job categories with formal training programs: (1) estimators, (2) new business representatives, and (3) mapping technicians. These training programs do not have Job Training Ratios that restrict the volume of potential trainees, and therefore a pipeline analysis was not completed.

---

<sup>9</sup> The Joint Apprentice Training Committee (JATC) is an eight-person committee with four members from IBEW and four members from PG&E. The terms of a specific apprenticeship are set forth in the Apprenticeship Administrative Manual.

<sup>10</sup> The JTC is an eight-person committee with four members from ESC and four members from PG&E. The terms of each training program are set forth in an Administrative Manual.

## 1. Lineworker Apprentice Program

The Linework Apprentice Program consists of 8 six-month modules, totaling four years. The CBA includes a multi-prong Training Labor Ratio. In the first two years of on-the-job training, Line Worker Apprentices are not allowed to work on electrified wires (Cold Apprenticeship) given the safety risks associated with live wires. However, once the apprentice has successfully completed the first two years of training, they will have sufficient training to begin working on electrified lines. As a result, in the remaining two years (Years 3 and 4) of on-the-job training, Line Worker Apprentices can work on electrified wires (Hot Apprenticeship). The current CBA requires that for every Cold Apprentice on a crew, there must be at least one journey worker. However, a crew can have two Hot Apprentices per journey worker.

PG&E tracks and monitors Lineworker addition and attrition to ensure there are a sufficient amount of qualified electrical workers able to support work demands related to energization. Consistent with the 2023 GRC and Section 5.6.1 of the 2020 GRC Settlement Agreement, PG&E keeps the Apprentice Lineman Training Program filled to the maximum extent, consistent with safe crew staffing ratios. The program provides a skilled and qualified workforce to maintain electric system reliability and provide safe service to customers. PG&E committed to continue this agreement through the 2027 GRC cycle.

PG&E's forecast of future staffing needs presented in Section E indicates that to scale PG&E's workforce based on forecasted work, PG&E must increase the number of lineworkers in the apprentice program by 180 positions between 2026-2030. Based on PG&E's existing workforce, there is a sufficient level of journey workers to meet the linework Training Program Ratios for Hot and Cold Apprentices, as there are currently two journey lineworkers per apprentice. Lineman journey workers include all job positions in the line of progression from the lineman apprentice.

**TABLE 6  
LINEWORKER APPRENTICE PIPELINE ANALYSIS**

| <b>Lineworkers</b> | <b>YTD Actuals</b> | <b>% of total FTE's</b> | <b>Forecast Increase</b> | <b>2030 Total Forecast</b> |
|--------------------|--------------------|-------------------------|--------------------------|----------------------------|
| Apprentice         | 414                | 27%                     | 95                       | 509                        |
| Lineworker         | 743                | 48%                     | 180                      | 923                        |
| Crew Lead          | 389                | 25%                     | 137                      | 526                        |
| Total              | 1546               | 100%                    | 412                      | 1958                       |
| <b>Ratio</b>       | <b>3:1</b>         |                         |                          | <b>3:1</b>                 |

## 2. Cable Splicer Apprenticeship

Cable splicers are trained to connect and repair electric wires to other wires, transformers, junction boxes, and other equipment in predominantly PG&E's networked underground systems, but may also perform these activities for overhead systems or stations. This training requires 7 six-month modules, totaling 3.5 years. The CBA requires a 1:1 apprentice cable splicer to journey worker cable splicer Training Labor Ratio.

PG&E's future staffing needs forecast in Section E indicates that to scale PG&E's workforce based on forecasted work, PG&E must increase the number of cable splicers in the apprenticeship program by 2 positions between 2026-2030. Based on PG&E's existing workforce, there is overall sufficient journey workers to meet the cable splicer Training Program Ratio, as there are currently 4 cable splicer journey workers per apprentice. This means PG&E can continue to scale its apprentice pipeline based on the current percentage of journey worker cable splicers in the workforce

**TABLE 7  
CABLE SPLICER APPRENTICE PIPELINE ANALYSIS**

| <b>Cable Splicers</b> | <b>YTD Actuals</b> | <b>% of total FTE's</b> | <b>Forecast Increase</b> | <b>2030 Total Forecast</b> |
|-----------------------|--------------------|-------------------------|--------------------------|----------------------------|
| Apprentice            | 14                 | 22%                     | 2                        | 16                         |
| Journey               | 51                 | 78%                     | 6                        | 57                         |
| Total                 | 65                 | 100%                    | 8                        | 73                         |

|              |            |  |  |            |
|--------------|------------|--|--|------------|
| <b>Ratio</b> | <b>4:1</b> |  |  | <b>4:1</b> |
|--------------|------------|--|--|------------|

This pipeline analysis focuses solely on staffing needs based on the forecast of future work proposed in the 2027 GRC. PG&E also has a letter agreement with IBEW to commit to fill no less than six Apprentice Cable Splicer positions in 2026 and 2027.

### 3. Electrician Apprenticeships

Electricians have the skills and training necessary to inspect and maintain electrical equipment including but not limited to, power transformers, instrument and control transformers, circuit breakers, disconnect switches, relays, and ancillary control systems. This training requires 8 six-month modules, totaling 4 years. The CBA requires a 1:1 apprentice electrician to journey worker Training Labor Ratio.

PG&E's future staffing needs forecast in Section E indicates that to scale PG&E's workforce based on forecasted work, PG&E must increase the number of electricians in the apprenticeship program by 12 positions between 2026-2030. Based on PG&E's existing workforce, there is overall sufficient journey workers to meet the electrician Training Program Ratio, as there are currently 3 electrician journey workers per apprentice. This means PG&E can continue to scale its apprentice pipeline based on the current percentage of journey worker electricians in the workforce

**TABLE 8  
ELECTRICIAN APPRENTICE PIPELINE ANALYSIS**

| <b>Electricians</b> | <b>YTD Actuals</b> | <b>% of total FTE's</b> | <b>Forecast Increase</b> | <b>2030 Total Forecast</b> |
|---------------------|--------------------|-------------------------|--------------------------|----------------------------|
| Apprentice          | 83                 | 23%                     | 12                       | 95                         |
| Journey             | 284                | 77%                     | 91                       | 375                        |
| Total               | 367                | 100%                    | 103                      | 470                        |
| <b>Ratio</b>        | <b>3:1</b>         |                         |                          | <b>4:1</b>                 |

### 4. Electric Technician Apprenticeship

Electric technicians are responsible for performing work involving an extremely high degree of complexity, including troubleshooting, repairing,

calibrating, and maintaining components of protective relay systems; substation and electric utility protection systems; station automation and supervisory control and data acquisition (SCADA) systems. Electric Technicians must first complete the Electrician Apprenticeship. Thereafter, the coworker is eligible to complete the Electric Technician Apprenticeship. The Electric Technician apprenticeship is 5 six-month modules, totaling 2.5 years. The CBA also requires a 1:1 apprentice electrician tech to journey worker Training Labor Ratio.

PG&E's future staffing needs forecast in Section E indicates that to scale PG&E's workforce based on forecasted work, PG&E must increase the number of Electric Technicians in the apprenticeship program by 4 positions between 2026-2030. Based on PG&E's existing workforce, there is overall sufficient journey workers to meet the electric technician Training Program Ratio, as there are currently 3 electrician journey workers per apprentice. This means PG&E can continue to scale its apprentice pipeline based on the current percentage of journey worker electric technicians in the workforce.

**TABLE 9  
ELECTRIC TECHNICIAN APPRENTICE PIPELINE ANALYSIS**

| <b>Elec Techs</b> | <b>YTD Actuals</b> | <b>% of total FTE's</b> | <b>Forecast Increase</b> | <b>2030 Total Forecast</b> |
|-------------------|--------------------|-------------------------|--------------------------|----------------------------|
| Apprentice        | 25                 | 21%                     | 4                        | 29                         |
| Journey           | 96                 | 79%                     | 30                       | 126                        |
| Total             | 121                | 100%                    | 34                       | 155                        |
| <b>Ratio</b>      | <b>3:1</b>         |                         |                          | <b>4:1</b>                 |

## 5. Distribution System Operator Apprenticeship

Distribution system operators are responsible for monitoring and controlling the distribution system, including shifting loads to accommodate maintenance work or respond to emergencies, issue clearances, and promptly restore service. This training requires 5 six-month modules, totaling 2.5 years. The CBA requires a 1:1 apprentice distribution system

operator to distribution system operator Training Labor Ratio, until an apprentice has the proficiency to perform duties without supervision.

PG&E's future staffing needs forecast in Section E indicates that to scale PG&E's workforce based on forecasted work, PG&E must increase the number of distribution system operators in the apprenticeship program by 8 positions between 2026-2030. Based on PG&E's existing workforce, there is overall sufficient system operators to meet the Training Program Ratio, as there are currently 7 distribution system operator journey workers per apprentice. This means PG&E can continue to scale its apprentice pipeline based on the current percentage of journey workers in the workforce.

**TABLE 10  
DISTRIBUTION SYSTEM OPERATOR APPRENTICE PIPELINE ANALYSIS**

| <b>System Operators</b> | <b>YTD Actuals</b> | <b>% of total FTE's</b> | <b>Forecast Increase</b> | <b>2030 Total Forecast</b> |
|-------------------------|--------------------|-------------------------|--------------------------|----------------------------|
| Apprentice              | 28                 | 12%                     | 8                        | 36                         |
| Journey                 | 202                | 88%                     | 17                       | 219                        |
| Total                   | 230                | 100%                    | 25                       | 255                        |
| <b>Ratio</b>            | <b>7:1</b>         |                         |                          | <b>6:1</b>                 |

## 6. Metering System Technician Apprenticeship

Metering System Technicians install, program, test, calibrate, troubleshoot, and repair all types of electric/electronic circuits, components and devices related to billing measurement. This training includes 6 six-month modules, totaling 3 years. The CBA does not require a specific Training Labor Ratio, as apprentices may work alone or under indirect supervision on jobs for which the employee has been trained and instructed.

PG&E's future staffing needs forecast in Section E indicates that to scale PG&E's workforce based on forecasted work, PG&E must increase the number of Metering System Technicians in the apprenticeship program by 5 positions between 2026-2030. Since there is no Training Program Ratio for this apprenticeship, PG&E can continue to scale its apprentice

pipeline based on the current percentage of journey workers in the workforce.

**TABLE 11**  
**METERING SYSTEM TECHNICIAN APPRENTICE PIPELINE ANALYSIS**

| <b>Field Metering</b> | <b>YTD Actuals</b> | <b>% of total FTE's</b> | <b>Forecast Increase</b> | <b>2030 Total Forecast</b> |
|-----------------------|--------------------|-------------------------|--------------------------|----------------------------|
| Apprentice            | 21                 | 7%                      | 5                        | 26                         |
| Journey               | 277                | 93%                     | 20                       | 297                        |
| Total                 | 298                | 100%                    | 25                       | 323                        |
| <b>Ratio</b>          | <b>13:1</b>        |                         |                          | <b>11:1</b>                |

## **g. Conclusion**

Regardless of the ultimate volume and type of work that is approved in the 2027 GRC, PG&E expects continued demand for electric distribution work and a need to increase its staffing levels, including apprenticeships. The order of magnitude for increasing certain job types will be determined at the appropriate time taking into consideration local work demand, local staffing levels, financial investment plans and optimal internal and external resource mix.

**PG&E PUB. UTIL CODE § 935 ANNUAL REPORT FOR 2026**

**APPENDIX 1**

**JOB TITLES BY JOB GROUPING**

# PG&E PUB. UTIL CODE § 935 ANNUAL REPORT FOR 2026

## APPENDIX 1

### JOB TITLES BY JOB GROUPING

#### **Associate Distribution Engineers**

Assoc Disbn Engineer Local Electric  
Assoc Disbn Engineer Local Gas  
Assoc Dsbn Engr - Elec - Provisional

Assoc Dsbn Engr - Gas - Provisional  
Associate Distribution Engineer - Elec  
Associate Distribution Engineer - Gas

#### **Analysts/Specialists**

(Nuc) Procurement Specialist - ESC  
(Nuc) Procurement Specialist - ESC, Sr  
(Nuc) Procurement Specialist, Sr. Adv  
(Nuc) Procuremnt Tech Specilst, Sr Advsngr  
Asset & Maintenance Planner  
Asset & Maintenance Planner, Senior  
Asset Management Specialist, Principal  
ATS Technical Specialist, Expert  
ATS Technical Specialist, Senior  
Aviation Operations Specialist, Expert  
Aviation Operations Specialist, Senior  
Business Analyst  
Business Analyst, Expert  
Business Analyst, Principal  
Business Analyst, Senior  
Business Operations Specialist, Expert  
Business Performance Analyst, Expert  
Business Performance Analyst, Senior  
Business Process Analyst  
Business Process Analyst, Expert  
Business System Specialist  
Business System Specialist, Associate  
Business System Specialist, Expert  
Business System Specialist, Senior  
Category Leader, Expert  
Category Leader, Principal  
Category Leader, Senior  
Compliance & Risk Consultant  
Compliance & Risk Consultant, Expert  
Compliance & Risk Consultant, Principal  
Compliance & Risk Consultant, Senior  
Compliance Data Analyst, Expert  
Construction Manager  
Construction Manager, Expert  
Construction Manager, Principal  
Construction Manager, Senior  
Contract Lifecycle Manager  
Contract Lifecycle Manager, Senior  
Contract Pricing Analyst, Expert

Contract Specialist  
Contract Specialist, Expert  
Contract Specialist, Senior  
Corrosion Specialist, Expert  
CRE Business Partner, Principal  
CRE Program Manager, Principal  
Cultural Resource Specialist  
Cultural Resource Specialist, Senior  
Cultural Resource Specilst, Sr Cnsltng-ESC  
Cust Care Information Sys Analyst, Prn  
Cust Care Operations Specialist  
Cust Care Operations Specialist, Senior  
Data Engineer, Expert  
Data Scientist, Senior  
Data Steward  
Database Analyst, Expert  
DCPP HH Procurement Specialist  
Distrib Training & Simulation Spec, Sr  
EGI Account Representative - ESC  
EGI Business Analyst - ESC, Sr  
EGI Contract Manager - ESC  
EGI Interconnection Manager - ESC, Asc  
Electric Compliance Specialist, Expert  
Electric Compliance Specialist, Prn  
Electric Construction Specialist, Expert  
Electric Construction Specialist, Senior  
Electric Program Manager, Expert  
Electric Program Manager, Principal  
Electric Program Manager, Senior  
Electric Quality Control Specialist, Exp  
Electric Quality Control Specialist, Sr  
Energy Diversion Investigator  
Energy Diversion Specialist  
Energy Mgmt System Specialist  
Facilities Planner, Senior  
Facilities Program Manager, Principal  
Fleet IS Specialist, Senior  
FMO Resource Analyst, Expert  
Gas Program Manager, Principal

GIS Analyst  
GIS Analyst, Senior  
HH EGI Account Representative - ESC  
HH EGI Interconnection Mgr - ESC  
HH EGI Interconnection Mgr - ESC, Asc  
HH EGI Interconnection Mgr - ESC, Sr  
Hiring Hall Scheduler in Training - ESC  
Inspection Review Specialist, Expert  
Inspection Review Specialist, Senior  
Insulation Tester  
Intern  
Investment Recovery Specialist, Expert  
Investment Recovery Specialist, Senior  
ISO/FERC Regulatory Analyst, Principal  
Land Planning Analyst - ESC  
Lean Specialist, Expert  
Metering Project Specialist, Expert  
Metering Project Specialist, Senior  
Not assigned  
Operations Data Analyst, Expert  
Operations Data Analyst, Principal  
Operations Data Analyst, Senior  
Operations Performance Manager  
Operations Performance Manager, Expert  
Operations Performance Manager, Prn  
Operations Performance Manager, Senior  
Permit Facilitator, Career - ESC  
PIO Information Systems Analyst, Sr-ESC  
Product Manager  
Product Manager, Principal  
Product Manager, Senior  
Product Owner, Principal  
Program Manager  
Program Manager, Expert  
Program Manager, Principal  
Program Manager, Senior  
Project Architect-GOLD CIRCLE  
Project Management Anlst-Env-ESC, Sr  
Project Surveyor  
Protection Specialist, Expert  
Protection Specialist, Principal  
Quality & Improvement Specialist  
Quality and Improvement Specialist, Sr  
Quality Assurance Auditor, Exp  
Quality Assurance Auditor, Sr  
Real Estate Technical Specialist II  
Real Estate Transaction Specialist, Exp

Regulatory Analyst  
Regulatory Analyst, Expert  
Regulatory Analyst, Principal  
Regulatory Analyst, Senior  
Rental and Pool Administrator, Senior  
Risk & Compliance Analyst, Expert  
Rotational Development Program Trainee  
Safety Program Manager, Principal  
Safety Specialist, Expert  
SCADA Specialist  
SCADA Specialist, Expert  
SCADA Specialist, Senior  
Scheduler - ESC  
Scheduler in Training - ESC  
Senior Land Technical Specialist  
Service Solutions Specialist, Senior  
Site Operations Manager, Principal  
Site Operations Manager, Senior  
Sr Mapping Tech-Elec Pass Expert Test  
Strategic Analyst  
Strategic Analyst, Expert  
Strategic Analyst, Principal  
Substation Test Specialist  
Substation Test Specialist, Assoc  
Substation Test Specialist, Senior  
Supervisor, Vegetation Management Ops  
Supplier Responsibility, Expert  
Supplier Responsibility, Principal  
Supply Chain Program Consultant, Expert  
Supply Chain Program Consultant, Senior  
Technical Assistant, Specialist  
Technical Remediation Cslt, Principal  
Technical Specialist I  
Technical Specialist II  
Technical Writer, Expert  
Training & Simulation Specialist, Expert  
Training & Simulation Specialist, Senior  
Transmission Planning Eng, Sr Advsn-ESC  
Transmission Training Specialist, Prn  
Vegetation Program Manager  
Vegetation Program Manager, Senior  
Work & Resource Analyst, Principal  
Work & Resource Analyst, Senior  
Work Methods & Procedures Specst, Exp  
Work Plan Portfolio Specialist, Prn  
Workstream Program Specialist, Expert  
Workstream Program Specialist, Senior

**Apprentice**

Appr Cable Splicer Hired after 1-1-15  
Appr Cable Splicer-GC Hired after 1-1-15  
Apprentice Electrical Technician  
Apprentice Electrical Technician - GC  
Apprentice Electrician - GC  
Apprentice Electrician-Electric & Hydro

Apprentice Line Worker  
Apprentice Line Worker - GC  
Apprentice Line Worker - Transmission  
Apprentice Metering System Technician  
Apprentice System Operator

**Cable Splicer**

Cable Splicer  
Cable Splicer - GC  
Cable Splicer - GC - SF/PN/DA/SJ  
Cable Splicer - SF/PN/DA/SJ

Night Cable Splicer - SF/PN/DA/SJ  
Transmission Underground Troubleshooter  
Unassigned Cable Splicer  
Unassigned Cable Splicer - SF/PN/DA/SJ

**Clerical**

Accounting Clerk  
Administrative Clerk, Senior  
Director's Assistant  
First Field Clerk  
Hiring Hall Operating Clerk - Exper  
Hiring Hall Operating Clerk - Inexp  
Hiring Hall Reprographics Opr B - Inexp  
Hiring Hall Routine Field Clerk - Inexp  
Operating Clerk

Operating Clerk-Typist  
Parts Clerk  
Reprographics Oper (1/1/2023 and After)  
Reprographics Oper (Before 1/1/2023)  
Routine Field Clerk  
Senior Accounting Clerk I  
Senior Operating Clerk I  
Senior Operating Clerk I-II

**Coordinators**

M&C Coordinator - Electric  
M&C Coordinator - Electric - SF/PN/DA/SJ  
M&C Coordinator - Electric Transmission  
M&C Coordinator - ElecTrnsmn-  
SF/PN/DA/SJ

New Business Liaison-Elec Crew Fmn(PIO)  
New Business Liaison-Electric  
New Business Liaison-Lineworker (PIO)  
Transmission Outage Coordinator

**Craft Worker**

AWS Certified Welder  
Building Technician  
Certified Welder  
Critical Facilities Lead  
Critical Facility Technician  
Fieldperson - Tower  
HH Night Electric T&D Assist - Inexp  
Hiring Hall Machinist-Experienced  
Hiring Hall Painter B - Inexperienced  
Lead Carpenter  
Lead Driver

Machine Shop Leader  
Machinist  
Night Electric Transm & Dsbn Assistant  
Painter - Materials Distribution  
Painter A - GC Field  
Painter B - GC Field  
Painter-Utility Worker  
PIO Electric Transm & Dsbn Assistant  
Street Light Maintenance Person (PIO)  
Towerperson  
Truck Driver Light - Materials

**Crew Leader**

Building Crew Leader  
Cable Crew Leader  
Cable Crew Leader - SF/PN/DA/SJ  
Electric Crew Leader  
Electric Crew Leader - SF/PN/DA/SJ  
Electric Crew Leader - Transmission  
Electric Crew Leader, Service  
Electric Crew Leader-Trnsmn-SF/PN/DA/SJ  
Electric Maintenance Crew Leader  
Garage Crew Lead  
Garage Crew Lead - DCP  
Garage Working Leader  
GC Crew Lead A - GC Station  
GC Crew Lead A - Overhead  
GC Crew Lead A - Underground  
GC Crew Lead B  
GC Crew Lead B I&C

**Dispatcher**

Sr. System Dispatcher (PIO)  
System Dispatcher  
System Dispatcher (PIO)  
W&R Dispatcher - Electric  
W&R Dispatcher - Metering

**Electric Line Assistant**

Electric Line Assistant-Electric T&D

**Electricians**

Electric Shop Leader  
Electrician  
Electrician - Electric & Hydro  
Electrician - GC

**Engineer**

ATS Engineer  
ATS Engineer, Associate  
ATS Engineer, Expert  
ATS Engineer, Principal  
ATS Engineer, Senior  
Automation Engineer, Principal-ESC  
Automation Engineer, Senior Advising-ESC  
Automation Engineer, Senior-ESC  
Automation Engineer, Sr Consulting-ESC  
Automation Engineer-ESC  
Civil Engineer, Principal  
Civil Engineer-Prj Engg  
Civil Engineer-Prj Engg, Senior  
Civil Engineer-Prj Engg, Sr-GOLD CIRCLE  
Civil Engineer-Prj Engg-GOLD CIRCLE

GC Crew Leader A - Overhead-SF/PN/DA/SJ  
GC Crew Leader A - UG - SF/PN/DA/SJ  
Lead Electrical Technician  
Materials Handler -Hired before 2009  
Metering Technician Crew Leader  
Night Cable Crew Leader  
Night Cable Crew Leader - SF/PN/DA/SJ  
Underground Constr Crew Leader-Electric  
Working Leader (PIO)  
Working Leader A - Non-Climbing  
Working Leader B - GC Station  
Working Leader B I&C (Non-Climbing)  
Working Leader B-Crane Surveyor  
Working Leader C  
Working Leader D  
Working Leader-Gas GC

W&R Dispatcher in Training - Metering  
W&R Dispatcher-in-Training - Electric  
W&R Relief Dispatcher - Electric  
W&R Relief Dispatcher Metering

HH Electric Line Assistant - Inexp

Electrician - Switching  
Hiring Hall Electrician - Exper  
Traveling Electric Shop Leader  
Unassigned Electrician - Elec & Hydro

Civil Engr-Prj Engg, Sr Cnsltng-GOLD CIR  
Corrosion Engineer  
Corrosion Engineer, Expert  
Corrosion Engineer, Principal  
Design Drafter  
Design Engineer  
Drafter  
EGI Interconnection Manager - ESC  
EGI Interconnection Manager - ESC, Sr  
Elec Distribution Ops Engineer  
Elec Distribution Ops Engineer, Asc  
Elec Distribution Ops Engineer, Senior  
Elec Distribution Ops Engineer-GOLD CIR  
Elec Distributn Ops Engr,Senior-GOLD CIR  
Elec Stds and Strategy Engineer

Elec Stds and Strategy Engineer, Asc  
Elec Stds and Strategy Engineer, Sr  
Elec Stds and Strategy Engr, Sr. Adv  
Elec Stds and Strategy Engr, Sr. Cnslt  
Elec Stds and Strgy Eng, SrAdv-GLD CIR  
Elec Stds and Strgy Eng, SrCnslt-GLD CIR  
Elec Stds and Strgy Engr, Sr-GOLD CIR  
Electrc'l Engr-Prj Engg, Sr Cnsltng-GLDCIR  
Electric Distribution Engineer  
Electric Distribution Engineer, Asc  
Electric Distribution Engineer, Senior  
Electric Distribution Engineer, Sr Clt  
Electric Distribution Engineer, Sr. Adv  
Electric Distribution Engineer-GOLD CIR  
Electric Engineer, Principal  
Electrical Engr-Prj Engg, Sr  
Electrical Engr-Prj Engg, Sr Cnsltng  
EMS Operations Systems Engineer  
EMS Operations Systems Engineer, Assoc  
EMS Operations Systems Engineer, Senior  
EMS Operations Systems Engineer, Sr Adv  
EMS Ops Systems Integ Engineer  
EMS Ops Systems Integ Engineer, Sr  
EMS SCADA Engineer  
EMS SCADA Engineer, Senior  
Engineering Assistant I  
Engineering Assistant II  
Engineer-Prj Engg, Asc  
Field Engineer - ESC  
Field Engineering Technician  
Fleet Analyst, Senior  
Fleet Engineer  
Fleet Engineer, Expert  
Fleet Engineer, Senior  
Gas Transmission Engineer, Expert  
GIS Application Engineer  
Grid Innovation Engineer  
Grid Innovation Engineer, Expert  
Grid Innovation Engineer, Principal  
Grid Innovation Engineer, Senior  
Hiring Hall Design Drafter  
Hiring Hall Field Engineer - ESC  
Industrial Power Engineer  
Maintenance & Constr Engr  
Maintenance & Constr Engr, Sr  
Maintnce & Constr Engr, Sr-GOLD CIR  
Maintnce & Constr Engr, Sr Advsnsg-GLD CIR  
Maintnce & Constr Engr-GOLD CIRCLE

Operations Systems Engineer  
Operations Systems Engineer, Associate  
Operations Systems Engineer, Expert  
Operations Systems Engineer, Principal  
Operations Systems Engineer, Senior  
Power Quality Engineer, Associate-ESC  
Power Quality Engineer, Senior-ESC  
Power Quality Engineer-ESC  
Power Quality Engr, Sr Consulting-ESC  
Protection Engineer  
Protection Engineer - GOLD CIRCLE  
Protection Engineer, Asc  
Protection Engineer, Sr  
Protection Engineer, Sr - GOLD CIRCLE  
Protection Engineer, Sr Cnsltng  
Protection Engr, Sr Cnsltng-GOLD CIRCLE  
RAS Operations Engineer  
RAS Operations Engineer, Associate  
RAS Operations Engineer, Expert  
RAS Operations Engineer, Senior  
RAS Operations Engineer, Senior Advising  
Senior Design Drafter  
Senior Design Engineer  
Senior Engineering Assistant  
Senior Field Engineering Technician  
Sr Engg Est Permit Facilitator - E (PIO)  
Substation Engineer-Prj Engg  
Substation Engineer-Prj Engg, Asc  
Substation Engineer-Prj Engg, Sr  
Substation Engineer-Prj Engg-GOLD CIRCLE  
Substation Engr-Prj Engg, Sr-GOLD CIR  
Supervisor, Operations Systems  
System Protection Engr, Expert (500kv)  
System Protection Engr, Principal  
Transm Line Engineer-Prj Engg  
Transm Line Engineer-Prj Engg, Asc  
Transm Line Engineer-Prj Engg, Sr  
Transm Line Engineer-Prj Engg-GOLD CIR  
Transm Line Engr-Prj Engg, Sr-GOLD CIR  
Transmission Operations Engineer - ESC  
Transmission Ops Engineer, Asc - ESC  
Transmission Ops Engineer, Sr - ESC  
Transmission Ops Engineer, Sr Adv - ESC  
Transmission Ops Engineer, Sr Cslt - ESC  
Transmission Planning Engineer, Asc-ESC  
Transmission Planning Engineer, Sr-ESC  
Transmission Planning Engineer-ESC  
Transmission Planning Engineer, Sr Cslt-ESC

**Equipment Operator**

Backhoe Operator - Gas  
Construction Operator-GC Gas  
Crane Operator - GC Field-Not Gas  
Miscellaneous Equipment Operator-Not Gas

**Estimator**

Engineering Estimator - E, Local  
Engineering Estimator - Electric  
Engineering Estimator - Gas  
Hiring Hall Engg Estimator - Electric  
Hiring Hall Engineer Estimator - Elec  
Hiring Hall Senior Eng Estimator-E,Local  
Senior Engineering Estimator - Electric

**Field Technician**

Distribution Line Technician  
Distribution Line Technician-SF/PN/DA/SJ  
Electrical Technician  
Electrical Technician - GC  
HH Routine Meter Person - Experience  
Hiring Hall Installer Meter Reader-Exper  
Hiring Hall Installer Meter Reader-Inexp  
Lead Electrical Technician-GC  
Meter Maintenance Person

**Inspectors**

Civil Construction Inspector  
Compliance Inspector  
Compliance Inspector - SF/PN/DA/SJ  
Compliance Inspector UG - SF/PN/DA/SJ  
Construction Inspector  
Crane Surveyor  
Crane Surveyor in Training  
HH Line Construction Inspector - GC  
Hiring Hall Compliance Inspector  
Lead Contractor Inspector - GC  
Lead Contractor Inspector-GC-SF/PN/DA/SJ

**Land and Environment**

Chief of Party  
Consulting Environmental Field Spec, Sr  
Environmental and Safety Compliance, Exp  
Environmental Field Specialist  
Environmental Field Specialist, Senior  
Environmental Policy Specialist, Expert  
Environmental Policy Specialist, Prn  
HH Environmental Fld Specialist, Sr-Exp  
Land Agent  
Land Agent, Principal

Senior Construction Operator-GC Gas  
Tractor Operator-Not Gas  
Transm & Dsbn Equipment Opr - Transm  
Transmission & Distribution Equip Opr

Senior Engineering Estimator - Gas  
Senior Engineering Estimator ADE - Elec  
Senior Engineering Estimator ADE - Gas  
Senior Engineering Estimator-E, Local  
Senior Engineering Estimator-E, Local PT  
Senior Engineering Estimator-G, Local

Metering Electronics Technician  
Metering Systems Technician  
PIO Electric Field Meterperson  
PIO Lead Electrical Technician  
PIO Routine Meter Person  
PIO Unassigned Electrical Technician  
Unassigned Electrical Technician  
Unassigned Metering Systems Technician

Lead Inspector  
Lead Pipeline Inspector-CWI  
Mechanical Inspector  
Not assigned  
PIO Inspector  
Pipeline Inspector CWI  
Pre-Utility Inspector  
Transmission Construction Inspector, Sr  
Utility Construction Inspector  
Utility Inspector-Underground  
Vegetation Operations Inspector

Land Consultant - Surveying, Expert  
Land Consultant-EP&P, Principal  
Land Consultant-Land Acquisition, Expert  
Land Consultant-Land Acquisition, Prn  
Land Consultant-Land Acquisition, Senior  
Land Consultant-Property Management  
Land Consultant-Property Management, Prn  
Land Consultant-Property Mgmt, Expert  
Land Consultant-Property Mgmt, Sr  
Land Planner

Land Planner, Principal  
Land Planner, Senior  
Land Surveyor, Principal  
Land Surveyor, Senior  
Land Technician  
Lead Land Technician

**Leadership**

Dir, Vegetation Mgmt Quality Control  
Director, Applied Technology Services  
Director, Compliance  
Director, Electric Engineering Services  
Director, Electric Program Management  
Director, Performance Improvement  
Director, Service Planning & Design  
Director, Transmission Grid Operations  
Director, Transmission Ops Support  
Manager, ADMS  
Manager, Applied Technology Services  
Manager, ATS Quality and Improvement  
Manager, Business Analysis  
Manager, Construction Management  
Manager, Elec. Transmission Planning  
Manager, Electric Compliance  
Manager, Electric Distribution Planning  
Manager, Electric Program Management  
Manager, Electric Project Management  
Manager, Environmental  
Manager, Environmental Programs  
Manager, Facilities  
Manager, Government Relations  
Manager, Grid Innovation Engineering  
Manager, Grid Operations  
Manager, Maintenance & Construction  
Manager, Materials  
Manager, Nuclear Supply Chain  
Manager, Operations Systems  
Manager, Product Management  
Manager, Regional Fleet Operations  
Manager, Remediation

**Line Worker**

Hiring Hall Line Worker - Division  
Hiring Hall Line Worker Rubber Glov-Div  
Line Worker  
Line Worker - GC  
Line Worker - GC - SF/PN/DA/SJ  
Line Worker - SF/PN/DA/SJ

Principal Right-of-Way Agent  
Right of Way Agent  
Senior Land Agent  
Senior Land Technician  
Senior Right of Way Agent  
Traffic Control Design Specialist

Manager, Sourcing Portfolio  
Manager, Substation Design & Technology  
Manager, Supplier Diversity  
Manager, System Protection Engineering  
Manager, Transmission Training  
Manager, Vegetation Management Ops  
Mgr, Elec. Trans Asset Development  
Mgr, Strategy, Innovatn and Partnership  
Program Manager, Chief  
Senior Director, Corporate Real Estate  
Senior Manager, Business Finance  
Senior Manager, Business Systems  
Senior Manager, Corporate Sustainability  
Senior Manager, CRE Program  
Management  
Senior Manager, Operations Systems  
Senior Manager, Remediation  
Senior Manager, Sourcing Portfolio  
Sr Dir, Cust Experience & Reg Strategy  
Sr Dir, Electric Engineering Services  
Sr Manager, Applied Technology Services  
Sr Manager, Electric Compliance  
Sr Manager, Electric Program Management  
Sr Manager, Grid Innovation Engineering  
Sr Manager, LCE Planning and Operations  
Sr Manager, Product Management  
Sr Manager, Regulatory Proceedings  
Sr Mgr, Elec. Transmission Planning  
Sr Mgr, Electric Project Management  
Sr Mgr, Strat, Innovatn and Partnershp  
Sr Mgr, Substation Automation & SCADA  
Strategic Analyst, Chief

Line Worker - Transmission  
Line Worker - Transmission - SF/PN/DA/SJ  
Line Worker, Service  
Not assigned  
Unassigned Line Worker  
Unassigned Line Worker - SF/PN/DA/SJ

**Materials Worker**

HH Materials Handler 2009 or Later-Exp  
HH Materials Handler 2009 or Later-Inexp  
Hiring Hall Materials Handler - GC - Exp  
Hiring Hall Materials Handler - GC - Inx  
Materials Distribution Flow Coord, Sr

Materials Handler - GC  
Materials Handler - Hired 2009 or Later  
Materials Leadperson  
Outage Materials Handler

**Mechanic**

Building Mechanic  
Equipment Mechanic  
Equipment Mechanic - DCP  
Equipment Mechanic - GC  
Field Garage Mechanic A

Field Garage Mechanic B  
Lead Building Mechanic  
Station Mechanic  
Station Mechanic (PIO)  
Utility Equipment Mechanic - Helms

**New Business Representative**

HH New Business Representative  
Hiring Hall Senior New Business Rep  
New Business Representative

Not assigned  
Senior New Business Representative

**Project Manager**

Business Project Manager, Expert  
Business Project Manager, Principal  
Consulting Remediation Project Manager-ES  
HH Project Manager, Sr-ESC  
IT Project Manager, Expert  
IT Project Manager, Senior  
Product Manager, Expert  
Proj Mgr BSEng-ESC, Sr Cnsltng-GOLD  
CIR  
Project Controls Analyst, Expert - ESC  
Project Controls Analyst-ESC  
Project Controls Analyst-ESC, Sr  
Project Manager BSEng-ESC - GOLD CIR  
Project Manager BSEng-ESC, Asc-GOLD  
CIR

Project Manager BSEng-ESC, Sr-GOLD  
CIR  
Project Manager ESC, Asc -GOLD CIRCLE  
Project Manager ESC, Sr-GOLD CIRCLE  
Project Manager ESC-GOLD CIRCLE  
Project Manager, Asc-ESC  
Project Manager, Sr-ESC  
Project Manager-ESC  
Project Mgr ESC, Sr Cnsltng-GOLD  
CIRCLE  
Remediation Project Manager-ESC  
Remediation Project Manager-ESC, Senior  
Technical Project Manager, Expert  
Technical Project Manager, Senior

**Safety and Security**

Field Safety Specialist, Expert

**Scientists**

Aquatic Biologist, Senior - ESC  
Chemist, Expert  
Chemist, Senior  
Consulting Scientist-ESC, Sr  
Environmental Scientist - ESC

Environmental Scientist, Senior - ESC  
Environmental Scientist, Sr Cnsltng -ESC  
Terrestrial Biologist - ESC  
Terrestrial Biologist, Senior - ESC

**Service Representative**

Senior Service Representative 2

**Supervisor- Back Office**

Supervisor, Area Fleet Operations  
Supervisor, Business Analysis  
Supervisor, Dispatch & Scheduling  
Supervisor, Elec. Distribution Planning  
Supervisor, Elec. Transmission Planning  
Supervisor, Electric Compliance  
Supervisor, Electric Program Management

**Supervisor – Frontline**

Supervisor, Applied Technology Services  
Supervisor, Automation Engineering  
Supervisor, Construction  
Supervisor, Corrosion Engineering  
Supervisor, EGI Operations  
Supervisor, Elec Distribution Ops  
Supervisor, Electric Constrctn Engrng  
Supervisor, Electric Distribution  
Supervisor, Electric M&C Shift  
Supervisor, Engineering Services  
Supervisor, Environmental  
Supervisor, Facilities  
Supervisor, Field Metering  
Supervisor, Grid Innovation Engineering  
Supervisor, Grid Operations  
Supervisor, Land Rights

**System Operator**

Assistant System Operator  
Large Format Oper (1/1/2023 and After)

**Technician**

Engineering Tech I  
Engineering Technician II  
Expert Mapping Technician - Electric  
Hiring Hall Engineering Technician I  
Hiring Hall Insulation Tester  
Lead Mapping Tech-Elec Pass Expert Test  
Lead Mapping Technician - Electric  
Mapping Technician - Electric

**Troubleshooter**

Transmission Troubleshooter  
Transmission Troubleshooter-SF/PN/DA/SJ  
Trnsmn UG Troubleshooter-SF/PN/DA/SJ  
Troubleshooter

Supervisor, Electric Project Management  
Supervisor, Fleet Engineering  
Supervisor, Operations Support  
Supervisor, Performance Improvement  
Supervisor, Property Management  
Supervisor, Support Services  
Supv, Investment Recovery Specialist

Supervisor, Land Surveying  
Supervisor, Maintenance  
Supervisor, Materials  
Supervisor, Nuclear Materials  
Supervisor, Operations Engineering  
Supervisor, Power Quality  
Supervisor, Protection Support  
Supervisor, Public Safety & Regulatory  
Supervisor, Restoration Field Ops  
Supervisor, SCADA Operations  
Supervisor, Service Planning & Design  
Supervisor, Substation Test  
Supervisor, System Operations & Control  
Supervisor, System Protection Engrng  
Supv-Superintendent, Materials  
Supv-Superintendent, Nuclear Materials

Lead System Operator  
System Operator

PIO Senior Instrument Technician  
Prin Mapping Tech-Elec Pass Expert Test  
Principal Mapping Technician - Electric  
Senior Engineering Technician  
Senior Insulation Tester  
Senior Mapping Technician - Electric  
Senior Mapping Technician I - Electric  
Technologist

Troubleshooter - SF/PN/DA/SJ  
Underground Troubleshooter -  
SF/PN/DA/SJ

**Utility Worker**

Hiring Hall Utility Worker - Electric

Hiring Hall Utility Worker- Inexp

Hiring Hall Utility Worker T300 - Exper

Hiring Hall Utility Worker T300 - Inexp

Traveling Utility Worker-Materials

Utility Worker - Elec Mt Dsbn

Utility Worker - Electric Maintenance

Utility Worker - GC

Utility Worker – Tower

**PG&E PUB. UTIL CODE § 935 ANNUAL REPORT FOR 2026**

**APPENDIX 2**

**MWCs IN EACH MWC GROUPING**

# **PG&E PUB. UTIL CODE § 935 ANNUAL REPORT FOR 2026**

## **APPENDIX 2**

### **MWCs IN EACH MWC GROUPING**

#### **Distribution Projects & Hardening Capital:**

6, 8, 10, 30, 49, 56, 3U

Expense: EW

#### **Distribution Support Services**

Capital: 5, 21

Expense: AB, BK, CY, FZ, GE, IG, IS, JV, LJ, OM, OS, WF

#### **Electric Distribution Maintenance**

Capital: 7, 2A, 2B, 2C, 2F Expense:

KA, KB, KC

#### **New Business**

Capital: 16

Expense: EV

#### **System Inspections & Operations Capital:**

17, 25, 63, 95

Expense: AR, BA, BF, BH, DD, EY, GA, HG, HY, IF, IU

#### **Veg Management**

Expense: HN

#### **Transmission & Substation Capital:**

9, 46, 48, 54, 58, 59

Expense: GC, HX

## **ATTACHMENT A**

### **PG&E BIANNUAL ENERGIZATION DATA SPREADSHEET**

Due to the size of this attachment, the public version of this attachment is provided electronically in the form of an Excel spreadsheet, accessible at the location indicated below and will also be filed via mixed media with the Commission's Docket Office:

1. Search Public Case Documents: <https://pgera.azurewebsites.net/Regulation/search>
2. Select "Establish Energization Timelines OIR [R.24-01-018]" from the case dropdown menu
3. Select "PGE" as the party to narrow the search criteria
4. Select date range "09/30/26 to 09/30/26"
5. Click Search