

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



April 12, 2023

EA2023-1041

Vincent Tanguay, Senior Director  
Electric Compliance, Electric Engineering  
Pacific Gas & Electric Company (PG&E)  
300 Lakeside Dr., Oakland, CA 94612

**SUBJECT:** Electric Distribution Audit of PG&E's De Anza Division

Dear Mr. Tanguay:

On behalf of the Electric Safety and Reliability Branch (ESRB) of the California Public Utilities Commission (CPUC), Samuel Mandell and Joe Murphy of ESRB staff conducted an electric distribution audit of PG&E's De Anza Division from February 13 to February 17, 2023. During the audit, ESRB staff conducted field inspections of PG&E's distribution facilities and equipment and reviewed pertinent documents and records.

As a result of the audit, ESRB staff identified violations of one or more General Orders (GOs). A copy of the audit findings itemizing the violations is enclosed. Please provide a response no later than May 10, 2023, by electronic copy of all corrective actions and preventive measures taken by PG&E to correct the identified violations and prevent the recurrence of such violations.

The response should indicate the date of each remedial action and preventive measure taken for the violations and observations. For any outstanding items not addressed, please provide the projected completion dates of all corrective actions for the violations outlined in Section II and IV of the enclosed Audit Report. Please also provide records of the third-party notifications for the field observations listed in Section V of the enclosed Audit Report.

If you have any questions concerning this audit, please contact Samuel Mandell at (916) 217-8294 or [samuel.mandell@cpuc.ca.gov](mailto:samuel.mandell@cpuc.ca.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Banu Acimis".

Banu Acimis, P.E.  
Program and Project Supervisor  
Electric Safety and Reliability Branch  
Safety and Enforcement Division  
California Public Utilities Commission

Enclosure: CPUC Electric Distribution Audit Report for PG&E De Anza Division

Cc: Lee Palmer, Director, Safety and Enforcement Division, CPUC

Nika Kjensli, Program Manager, ESRB, SED, CPUC  
Nathan Sarina, Senior Utilities Engineer (Supervisor), ESRB, SED, CPUC  
Rickey Tse, Senior Utilities Engineer (Supervisor), ESRB, SED, CPUC  
Samuel Mandell, Utilities Engineer, ESRB, SED, CPUC  
Joe Murphy, Utilities Engineer, ESRB, SED, CPUC

**PG&E DE ANZA DIVISION**  
**ELECTRIC DISTRIBUTION AUDIT FINDINGS**  
**February 13-17, 2023**

**I. Records Review**

During the audit, ESRB staff reviewed the following records:

- PG&E’s inspection and maintenance procedures.
  - Electric Distribution Preventive Maintenance Manual, April 1, 2016.
- Overhead and underground facilities statistics.
- Completed work orders with notifications, canceled work orders with notifications, and open work orders with notifications from December 2017 to December 2022.
- Patrol and detailed inspection records from December 2017 to December 2022.
- Reliability metrics and sustained outages from December 2017 to December 2022.
- De Anza Division map.
- New Construction projects (both overhead and underground) from December 2021 to December 2022.
- Pole loading and safety factor calculations completed from December 2021 to December 2022.
- Third Party Safety Hazard notifications sent and received from December 2017 to December 2022.
- Inspector list from December 2017 to December 2022 and inspector qualifications.
- Equipment test records from December 2017 to December 2022.
- Intrusive inspection records from December 2021 to December 2022.
- PG&E Pre-Audit Preliminary Analysis for Audit Readiness – Records Review

**II. Records Violations**

**1. General Order (GO) 95, Rule 18-B(1), Maintenance Programs** states in part:

*“Companies shall undertake corrective actions within the time periods stated for each of the priority levels set forth below.*

*Scheduling of corrective actions within the time periods below may be based on additional factors, including the following factors, as appropriate:*

- *Type of facility or equipment;*
- *Location, including whether the Safety Hazard or potential violation is located in the High Fire-Threat District;*
- *Accessibility;*
- *Climate;*
- *Direct or potential impact on operations, customers, electrical company workers, communications workers, and the general public.*

*(a) The maximum time periods for corrective actions associated with potential violation of GO 95 or a Safety Hazard are based on the following priority levels:*

- (i) *Level 1 -- An immediate risk of high potential impact to safety or reliability:*
  - *Take corrective action immediately, either by fully repairing or by temporarily repairing and reclassifying to a lower priority.*
  
- (ii) *Level 2 -- Any other risk of at least moderate potential impact to safety or reliability:*
  - *Take corrective action within specified time period (either by fully repair or by temporarily repairing and reclassifying to Level 3 priority). Time period for corrective action to be determined at the time of identification by a qualified company representative, but not to exceed: (1) six months for potential violations that create a fire risk located in Tier 3 of the High Fire-Threat District; (2) 12 months for potential violations that create a fire risk located in Tier 2 of the High Fire-Threat District; (3) 12 months for potential violations that compromise worker safety; and (4) 36 months for all other Level 2 potential violations.*
  
- (iii) *Level 3 -- Any risk of low potential impact to safety or reliability:*
  - *Take corrective action within 60 months subject to the exception specified below.*  
*EXCEPTION – Potential violations specified in Appendix J or subsequently approved through Commission processes, including.... The condition’s record in the auditable maintenance program must indicate the relevant exception and the date of the corrective action.”*

**GO 95, Rule 31.1, Design, Construction and Maintenance** states in part:

*“Electrical supply and communication systems shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to enable the furnishing of safe, proper, and adequate service.*

*For all particulars not specified in these rules, design, construction, and maintenance should be done in accordance with accepted good practice for the given local conditions known at the time by those responsible for the design, construction, or maintenance of communication or supply lines and equipment.”*

**GO 128, Rule 17.1, Design, Construction and Maintenance** states in part:

*“Electrical supply and communication systems shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to enable the furnishing of safe, proper, and adequate service.*

*For all particulars not specified in these rules, design, construction, and maintenance should be done in accordance with accepted good practice for the given local conditions known at the time by those responsible for the design, construction, or maintenance of [the] communication or supply lines and equipment.”*

ESRB staff reviewed the late Electric Corrective (EC) notifications within the De Anza Division from December 19, 2017 to December 20, 2022. PG&E’s Electric Distribution Preventative Maintenance (EDPM) Manual, published on April 1, 2016, defines priority codes and associated time frames for EC notifications as follows:

- **Priority A – Safety / Emergency Immediate Response**  
An emergency is defined as any activity in response to an outage to customer(s) or an unsafe condition requiring immediate response or standby to protect the public.
- **Priority B – Urgent Compliance (Due within 3 months)**
- **Priority E – Compliance (Due 3-12 months)**
- **Priority F – Compliance (For Regulatory Conditions, the Recommended Repair Date is the due date for the next inspection (UG = 3 years, OH = 5 years).**

ESRB staff reviewed the late EC notifications and determined that PG&E did not address a total of 11,546 EC notifications by their required end date. Of these 11,546 EC notifications, 11,430 were classified as “late non-exempt” and 116 were classified as “late-exempt”.

Per GO 95, Rule 18B(1)(b), *“Correction times may be extended under reasonable circumstances, such as: third party refusal, customer issue, no access, permits required, system emergencies (e.g. fires, severe weather conditions).”* PG&E classifies EC notifications under these circumstances as “late-exempt” as they are exempted from completion by their assigned due date.

Table 1 below breaks down the 11,546 late EC notifications by the given priority, including the total number of late EC notifications, non-exempt/exempt late EC notifications, and late canceled EC notifications, which are included in the total.

**Table 1: Late EC Notifications**

| <b>Priority Code</b> | <b>Total # Late EC Notifications</b> | <b>Total # Late Non-Exempt</b> | <b>Total # Late Exempt</b> | <b>Total # Late Cancelled<sup>1</sup></b> |
|----------------------|--------------------------------------|--------------------------------|----------------------------|---|
| <b>A</b>             | 164                                  | 162                            | 2                          | 74  |
| <b>B</b>             | 1,335                                | 1,221                          | 114                        | 534                                       |
| <b>E</b>             | 9,968                                | 9,968                          | -                          | 1,551                                     |
| <b>F</b>             | 79                                   | 79                             | -                          | 12  |
| <b>Total</b>         | 11,546                               | 11,430                         | 116                        | 2,171                                     |

Of the 11,430 non-exempt late EC notifications, PG&E completed one priority A notification 8 months past its assigned due date. Table 2 below identifies the most overdue non-exempt EC notifications for each priority.

<sup>1</sup> Total # Late Cancelled is a subset of the late EC notifications and includes items which were exempt, non-exempt, or found already completed.

**Table 2: Most Overdue EC Notifications**

| <b>Priority Code</b> | <b>EC Notification #</b> | <b>Number of Days Past Assigned Due Date</b> |
|----------------------|--------------------------|--|
| <b>A</b>             | 114707218                | 239  |
| <b>B</b>             | 117279554                | 1,177  |
| <b>E</b>             | 114121990                | 1460   |
| <b>F</b>             | 114282503                | 1,359  |

PG&E identified EC notification #114707218 on June 17, 2018 for a conductor clearance adjustment with a required end date of July 08, 2018. PG&E did not complete the work until March 04, 2019.

PG&E identified EC notification #117279554 on May 20, 2019 for a pole replacement with a required end date of September 30, 2019. EC notification #117279554 was still open as of December 20, 2022.

PG&E identified EC notification #114121990 on December 21, 2017 for a pole replacement with a required end date of October 15, 2019. EC notification #114121990 was still open as of December 20, 2022.

PG&E identified EC notification #114282503 on February 07, 2018 to replace a missing/damaged ‘High Voltage’ sign with a required end date of April 01, 2019. EC notification #114282503 was still open as of December 20, 2022.

**2. GO 95, Rule 31.2, Inspection of Lines** states in part:

*“Lines shall be inspected frequently and thoroughly for the purpose of ensuring that they are in good condition so as to conform with these rules. Lines temporarily out of service shall be inspected and maintained in such condition as not to create a hazard.”*

**GO 165, Section III-B, Standards for Inspection** states in part:

*“Each utility subject to this General Order shall conduct inspections of its distribution facilities, as necessary, to ensure reliable, high-quality, and safe operation, but in no case may the period between inspections (measured in years) exceed the time specified in Table 1.”*

ESRB identified that PG&E had completed a total of 5,346 overhead patrols and inspections past their assigned due dates in the last two years. Table 3 below breaks down the late overhead patrols and inspections by year and total structures late.

**Table 3: Late Overhead Patrols and Inspections**

| <b>Year</b> | <b>Inspection Type</b> | <b>Total Structures</b> |
|-------------|------------------------|-------------------------|
| 2021        | Inspection             | 4,905                   |
| 2021        | Patrol                 | 438                     |
| 2022        | Inspection             | 3                       |

3. **GO 128, Rule 17.2, Inspection** states in part:

*“Systems shall be inspected by the operator frequently and thoroughly for the purpose of insuring that they are in good condition and in conformance with all applicable requirements these rules.”*

**GO 165, Section III-B, Standards for Inspection** states in part:

*“Each utility subject to this General Order shall conduct inspections of its distribution facilities, as necessary, to ensure reliable, high-quality, and safe operation, but in no case may the period between inspections (measured in years) exceed the time specified in Table 1.”*

ESRB identified that PG&E completed one 2022 underground inspection past its assigned due date:

- Plat Map F1417 – Inspection was due on May 28, 2022 per GO 165. PG&E completed the inspection on June 02, 2022.

### III. Field Inspection

During the field inspection, ESRB staff inspected the following facilities in PG&E's De Anza Division:

| Loc # | SAP #     | Structure Type         | Structure Latitude | Structure Longitude | City      |
|-------|-----------|------------------------|--------------------|---------------------|-----------|
| 01    | 107412968 | UG-Switch              | 37.32280278        | -122.0192194        | Cupertino |
| 02    | 107282967 | UG-Padmout Transformer | 37.32233056        | -122.0194694        | Cupertino |
| 03    | 107266109 | UG-Padmout Transformer | 37.32151111        | -122.0189139        | Cupertino |
| 04    | 100528213 | OH-Wood Pole           | 37.33948889        | -122.0338222        | Cupertino |
| 05    | 100528214 | OH-Wood Pole           | 37.33948611        | -122.0326778        | Cupertino |
| 06    | 100528215 | OH-Wood Pole           | 37.33950833        | -122.0327083        | Cupertino |
| 07    | 100519434 | OH-Wood Pole           | 37.12355           | -121.9297028        | Los Gatos |
| 08    | 100519107 | OH-Wood Pole           | 37.12343331        | -121.9293833        | Los Gatos |
| 09    | 104132178 | OH-Wood Pole           | 37.12344444        | -121.9286639        | Los Gatos |
| 10    | 100519445 | OH-Wood Pole           | 37.12293889        | -121.9285194        | Los Gatos |
| 11    | 100519446 | OH-Wood Pole           | 37.12245556        | -121.9279556        | Los Gatos |
| 12    | 100518403 | OH-Wood Pole           | 37.14351389        | -121.9962306        | Los Gatos |
| 13    | 100518403 | OH-Wood Pole           | 37.14349694        | -121.9962303        | Los Gatos |
| 14    | 103994261 | OH-Wood Pole           | 37.19865           | -122.0125056        | Los Gatos |
| 15    | 100550005 | OH-Wood Pole           | 37.19845556        | -122.0121778        | Los Gatos |
| 16    | 103993454 | OH-Wood Pole           | 37.1984            | -122.0117333        | Los Gatos |
| 17    | 103993458 | OH-Wood Pole           | 37.19834444        | -122.0117417        | Los Gatos |
| 18    | 100539561 | OH-Wood Pole           | 37.19797778        | -122.0112917        | Los Gatos |
| 19    | 100539562 | OH-Wood Pole           | 37.19754444        | -122.0109778        | Los Gatos |
| 20    | 100539563 | OH-Wood Pole           | 37.19732222        | -122.0106417        | Los Gatos |
| 21    | 100539564 | OH-Wood Pole           | 37.19693333        | -122.0106194        | Los Gatos |
| 22    | 100546936 | OH-Wood Pole           | 37.21935278        | -121.974075         | Los Gatos |
| 23    | 100525900 | OH-Wood Pole           | 37.21899722        | -121.9738694        | Los Gatos |
| 24    | 100548298 | OH-Wood Pole           | 37.218625          | -121.9736028        | Los Gatos |
| 25    | 100525410 | OH-Wood Pole           | 37.21838333        | -121.9733583        | Los Gatos |
| 26    | 100513818 | OH-Wood Pole           | 37.24586944        | -122.0266028        | Saratoga  |
| 27    | 100513817 | OH-Wood Pole           | 37.24568611        | -122.0268167        | Saratoga  |
| 28    | 100513816 | OH-Wood Pole           | 37.24510556        | -122.0272           | Saratoga  |
| 29    | 100513814 | OH-Wood Pole           | 37.24485278        | -122.0275028        | Saratoga  |
| 30    | 100513828 | OH-Wood Pole           | 37.24448333        | -122.0278778        | Saratoga  |
| 31    | 100553962 | OH-Wood Pole           | 37.24418889        | -122.0283361        | Saratoga  |
| 32    | 100513831 | OH-Wood Pole           | 37.24405           | -122.0282972        | Saratoga  |
| 33    | 100513827 | OH-Wood Pole           | 37.24417778        | -122.0275806        | Saratoga  |
| 34    | 104140798 | OH-Wood Pole           | 37.25234722        | -122.0204694        | Saratoga  |
| 35    | 104135645 | OH-Wood Pole           | 37.25239444        | -122.0205222        | Saratoga  |
| 36    | 100542569 | OH-Wood Pole           | 37.25254167        | -122.020025         | Saratoga  |
| 37    | 100551342 | OH-Wood Pole           | 37.25337222        | -122.0200667        | Saratoga  |

| Loc # | SAP #     | Structure Type         | Structure Latitude | Structure Longitude | City          |
|-------|-----------|------------------------|--------------------|---------------------|---------------|
| 38    | 100552178 | OH-Wood Pole           | 37.25345278        | -122.0200944        | Saratoga      |
| 39    | 100540124 | OH-Wood Pole           | 37.25466944        | -122.0196917        | Saratoga      |
| 40    | 100513497 | OH-Wood Pole           | 37.26474722        | -122.0495306        | Saratoga      |
| 41    | 100513499 | OH-Wood Pole           | 37.26468333        | -122.04905          | Saratoga      |
| 42    | 100513502 | OH-Wood Pole           | 37.26548889        | -122.0491778        | Saratoga      |
| 43    | 100513498 | OH-Wood Pole           | 37.26483611        | -122.0499417        | Saratoga      |
| 44    | 104144569 | OH-Wood Pole           | 37.27518056        | -122.0685667        | Saratoga      |
| 45    | 100526134 | OH-Wood Pole           | 37.275081          | -122.068032         | Saratoga      |
| 46    | 100526128 | OH-Wood Pole           | 37.27629444        | -122.0684972        | Saratoga      |
| 47    | 104138397 | OH-Wood Pole           | 37.27682222        | -122.0684972        | Saratoga      |
| 48    | 103978191 | OH-Wood Pole           | 37.28691389        | -122.0794           | Saratoga      |
| 49    | 100526100 | OH-Wood Pole           | 37.28705556        | -122.0793444        | Saratoga      |
| 50    | 100522101 | OH-Wood Pole           | 37.28625833        | -122.0790028        | Saratoga      |
| 51    | 107501528 | UG-Junction Box        | 37.42546389        | -122.0936056        | Mountain View |
| 52    | 107273899 | UG-Padmout Transformer | 37.42569722        | -122.0940333        | Mountain View |
| 53    | 107267535 | UG-Padmout Transformer | 37.42469444        | -122.0941472        | Mountain View |
| 54    | 100509578 | OH-Wood Pole           | 37.42486111        | -122.0934361        | Mountain View |
| 55    | 100509577 | OH-Wood Pole           | 37.42425556        | -122.0934917        | Mountain View |
| 56    | 100509576 | OH-Wood Pole           | 37.42349722        | -122.0935528        | Mountain View |
| 57    | 100509575 | OH-Wood Pole           | 37.42236389        | -122.0936444        | Mountain View |
| 58    | 100508872 | OH-Wood Pole           | 37.39998889        | -122.1131972        | Mountain View |
| 59    | 100508823 | OH-Wood Pole           | 37.39967778        | -122.11325          | Mountain View |
| 60    | 100508821 | OH-Wood Pole           | 37.39928889        | -122.1131972        | Mountain View |
| 61    | 100508822 | OH-Wood Pole           | 37.39952778        | -122.1129222        | Mountain View |
| 62    | 100508873 | OH-Wood Pole           | 37.39994444        | -122.1125194        | Mountain View |
| 63    | 100509228 | OH-Wood Pole           | 37.39105556        | -122.11535          | Los Altos     |
| 64    | 100509229 | OH-Wood Pole           | 37.39124722        | -122.1155389        | Los Altos     |
| 65    | 100509230 | OH-Wood Pole           | 37.391425          | -122.1161278        | Los Altos     |
| 66    | 100509231 | OH-Wood Pole           | 37.39138333        | -122.1163028        | Los Altos     |
| 67    | 100509232 | OH-Wood Pole           | 37.39132222        | -122.1162722        | Los Altos     |
| 68    | 100509233 | OH-Wood Pole           | 37.39073611        | -122.11625          | Los Altos     |
| 69    | 103547009 | OH-Metal Pole          | 37.39011667        | -122.1162194        | Los Altos     |

| <b>Loc #</b> | <b>SAP #</b> | <b>Structure Type</b> | <b>Structure Latitude</b> | <b>Structure Longitude</b> | <b>City</b> |
|--------------|--------------|-----------------------|---------------------------|----------------------------|-------------|
| 70           | 103547015    | OH-Metal Pole         | 37.38949167               | -122.1163028               | Los Altos   |
| 71           | 100511049    | OH-Wood Pole          | 37.374725                 | -122.1020361               | Los Altos   |
| 72           | 100511050    | OH-Wood Pole          | 37.37461111               | -122.1014111               | Los Altos   |
| 73           | 100543736    | OH-Wood Pole          | 37.37449167               | -122.1006833               | Los Altos   |
| 74           | 107301113    | UG-Manhole            | 37.36179722               | -122.0997778               | Los Altos   |
| 75           | 100518788    | OH-Wood Pole          | 37.36190278               | -122.0999                  | Los Altos   |
| 76           | 100549651    | OH-Wood Pole          | 37.36191944               | -122.0999444               | Los Altos   |
| 77           | 100547918    | OH-Wood Pole          | 37.36246944               | -122.1372222               | Los Altos   |
| 78           | 100526918    | OH-Wood Pole          | 37.28922778               | -121.9807056               | Campbell    |
| 79           | 100527185    | OH-Wood Pole          | 37.28159722               | -121.9628139               | Campbell    |
| 80           | 100527189    | OH-Wood Pole          | 37.28160556               | -121.9629667               | Campbell    |
| 81           | 100527186    | OH-Wood Pole          | 37.28144722               | -121.9627611               | Campbell    |
| 82           | 103790029    | OH-Wood Pole          | 37.28200278               | -121.9625167               | Campbell    |
| 83           | 104119865    | OH-Wood Pole          | 37.28236389               | -121.9625556               | Campbell    |
| 84           | 100540234    | OH-Wood Pole          | 37.27946917               | -121.9575194               | Campbell    |
| 85           | 100540160    | OH-Wood Pole          | 37.27945                  | -121.9584194               | Campbell    |
| 86           | 100540161    | OH-Wood Pole          | 37.27945833               | -121.9587639               | Campbell    |
| 87           | 100540162    | OH-Wood Pole          | 37.27948056               | -121.9591361               | Campbell    |

#### IV. Field Inspection Violations

ESRB staff observed the following violations during the field inspection:

**1. GO 95, Rule 31.1, Design, Construction and Maintenance** states in part:

*“Electrical supply and communication systems shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to enable the furnishing of safe, proper, and adequate service.”*

- 1.1. Pole SAP # 100528215 (Location 6) at 530 La Conner Dr, Sunnyvale: Improper connection, splice within 2 feet of insulator.
- 1.2. Pole SAP # 100513828 (Location 30) at 15401 Madrone Hill Rd, Saratoga: Decayed crossarm on pole. PG&E created EC 125506069.
- 1.3. Pole SAP # 100526134 (Location 45) at rear of 20145 Orchard Meadow Dr, Saratoga: Buried anchor. Will be addressed with existing pole replacement EC 117162811.
- 1.4. Pole SAP # 120781720 (Location 48) across from 13326 Stevens Canyon Rd, Cupertino: Improper connection, splice within 2 feet of insulator. PG&E created EC 125512734 in the field.
- 1.5. Pole SAP # 100527185 (Location 79) at 383 Virginia Ave, Campbell: Exposed ground rod. PG&E corrected in the field.

**2. GO 95, Rule 51.6-A, High Voltage Marking** states in part:

*“Poles which support line conductors of more than 750 volts shall be marked with high voltage signs. This marking shall consist of a single sign showing the words “HIGH VOLTAGE”, or pair of signs showing the words “HIGH” and “VOLTAGE”, not more than six (6) inches in height with letters not less than 3 inches in height. Such signs shall be of weather and corrosion-resisting material, solid or with letters cut out therefrom and clearly legible.”*

- 2.1. Pole SAP # 100525410 (Location 25) at 13 Highland Ave, Los Gatos: Clovis: High Voltage sign missing, PG&E corrected in the field.
- 2.2. Pole SAP # 100509233 (Location 68) at 53 Alma Ct, Los Altos: High Voltage sign is deteriorated. PG&E created EC 125574695 in the field.

**3. GO 128, Rule 35.3, Warning Signs** states:

*“Warning signs indicating high voltage shall be installed on an interior surface, or barrier if present, inside the entrance of vaults, manholes, handholes, pad mounted transformer compartments, and other above ground enclosures containing exposed live parts above 750 volts. Such warning signs shall also be installed on an exterior surface of all such pad mounted transformer compartments and other above ground enclosures. Such signs shall be clearly visible to a person in position to open any such access door, other opening, or barrier.”*

Underground Switch SAP # 107412968 (Location 1) at 19780 Stevens Creek Blvd, Cupertino: High Voltage warning sign on cover in poor condition (broken). PG&E corrected during audit.

**4. GO 95, Rule 56.2, Overhead Guys, Anchor Guys and Span Wires, Use** states in part:

*“Guys shall be attached to structures, as nearly as practicable, at the center of load. They shall be maintained taut and of such strength as to meet the safety factors of Rule 44.”*

- 4.1. Pole SAP # 100539561 (Location 18) at 19420 Beardsley Rd, Los Gatos: Guy slack. PG&E corrected in the field.
- 4.2. Pole SAP # 100553962 (Location 31) at 15461 Madrone Hill Rd, Saratoga: Guy slack. PG&E created EC 125506106 in the field.
- 4.3. Pole SAP # 100513831 (Location 32) at 1 pole south of Location 31, Saratoga: Guy slack. PG&E created EC 125506029 in the field.
- 4.4. Pole SAP # 104135645 (Location 35) at 14855 Farwell Ave, Saratoga: Secondary guy slack. PG&E corrected in the field.
- 4.5. Pole SAP# 103790029 (Location 82) across from 333 Virginia Ave, Campbell: Down guy strained by vegetation. PG&E created EC 125521109 in the field.

**5. GO 95, Rule 37, Minimum Clearances of Wires above Railroads, Thoroughfares, Buildings, Etc., Table 1, Case 3 Column A** states in part:

*“The basic minimum allowable vertical clearance of a span wire, overhead guy, and messenger crossing or along thoroughfares in urban districts or crossing thoroughfares in rural districts is 18 feet. Exception (j) reduces the clearance to 16 feet for driveways in rural districts.”*

Pole SAP # 100546936 (Location 22) at 48 Jackson St, Los Gatos: Down guy measured 14’8” over center of road.

**6. GO 95, Rule 56.6-A, Guys in Proximity to Supply Conductors of Less than 35,500 Volts states in part:**

*“All portions of guys within both a vertical distance of 8 feet from the level of supply conductors of less than 35,500 volts and a radial distance of 6 feet from the surface of wood poles or structures shall not be grounded, through anchors or otherwise. Where necessary to avoid the grounding of such portions, guys shall be sectionalized by means of insulators installed at locations as specified in Rule 56.7.”*

- 6.1. Pole SAP # 100519446 (Location 11) at 24325 Loma Prieta Ave, Los Gatos: Vegetation contacting above guy insulator. PG&E corrected in the field.
- 6.2. Pole SAP # 103993454 (Location 16) at 19428 Beardsley Rd, Los Gatos: Vegetation contacting above guy insulator. PG&E corrected in the field.
- 6.3. Pole SAP # 100509229 (Location 64) at 23 Alma Ct, Los Altos: Vegetation contacting above guy insulator. PG&E created EC 125514338 in the field.

**7. GO 95, Rule 18 Section B (1) iii, Maintenance Programs states in part:**

*“Level 3 – Any risk of low potential impact to safety or reliability:  
Take corrective action within 60 months...”*

- 7.1. Pole SAP # 100509228 (Location 63) at 20 Alma Ct, Los Altos: Slack guy and vegetation contacting above guy insulator. PG&E previously identified on EC 110070557 created February 12, 2015 with a required end date of February 12, 2020.
- 7.2. Pole SAP # 100509232 (Location 67) at 41 Alma Ct, Los Altos: Corroded guy anchor. PG&E previously identified on EC 110138827 created in 2015 with a required end date in 2020.

**8. GO 95, Rule 37, Minimum Clearances of Wires from Other Wires, Table 2, Case 19 Column C states in part:**

*“The minimum allowable radial separation for guys and span wires passing communication conductors on the same pole is 3 inches.”*

Pole SAP # 100527186 (Location 80) at 383 Virginia Ave, Campbell: Down guy and communications line are in contact with each other. PG&E created EC 125521090 in the field.

**9. GO 128, Rule 17.1, Design, Construction, and Maintenance** states:

*“Electrical supply and communication systems shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to enable the furnishing of safe, proper, and adequate service.”*

- 9.1. Padmount Transformer SAP # 107282967 (Location 2) at 19772 Stevens Creek Blvd, Cupertino: Corrosion damage on bottom of enclosure. PG&E created EC 125494713 in the field.
- 9.2. Padmount Transformer SAP # 107273899 (Location 52) at 2375 Garcia Ave, Mountain View: Existing EC 120484994 for low oil level is past due since February 01, 2022. PG&E escalated the past due tag to Priority B.

**V. Observations**

1. ESRB staff observed the following third-party potential safety concerns during the field inspection:

**GO 95, Rule 18, Reporting and Resolution of Safety Hazards Discovered by Utilities** states in part:

*“For purposes of this rule, “Safety Hazard” means a condition that poses a significant threat to human life or property...”*

**GO 95, Rule 18-A, Resolution of Potential Violations of General Order 95 and Safety Hazards** states in part:

*“(3) If a company, while performing inspections of its facilities, discovers a Safety Hazard(s) on or near a communications facility or electric facility involving another company, the inspecting company shall notify the other entity of such Safety Hazard(s) no later than ten (10) business days after the discovery.*

*(4) To the extent a company that has a notification requirement under (2) or (3) above cannot determine the facility owner/operator, it shall contact the pole owner(s) within ten (10) business days if the subject of the notification is a Safety Hazard, or otherwise within a reasonable amount of time not to exceed 180 days after discovery. The notified pole owner(s) shall be responsible for promptly (normally not to exceed five business days) notifying the company owning/operating the facility if the subject of the notification is a Safety Hazard, or otherwise within a reasonable amount of time not to exceed 180 days, after being notified of the potential violation of GO 95.*

- 1.1. The pole at 530 La Conner Dr, Sunnyvale (Location 4) has a low communications

riser and an abandoned service. PG&E created Third Party Notification (TPN) 124595456 during the audit.

- 1.2. The communication wires and guy are down in the creek on the pole at Lat 37.14349694 Long -121.9962303 (Location 13). PG&E created TPN 125501160 during the audit.
- 1.3. Communication riser is not secure to the base of the pole at 15374 Madrone Hill Rd, Saratoga (Location 29). PG&E created TPN 125506066 during the audit.
- 1.4. Low clearance communications lines at the pole at 15401 Madrone Hill Rd, Saratoga (Location 30). PG&E created TPN 125061111 created during the audit.
- 1.5. Communication guy anchor pulled out of the ground at 15461 Madrone Hill Rd, Saratoga (Location 31). PG&E created TPN 12506109 during the audit.
- 1.6. Communication wire hanging off the pole at 14000 Pike Rd, Saratoga (Location 42). PG&E created TPN 12507766 during the audit.
- 1.7. Loose communications wire and low communication riser at 933 Sherwood Ave, Los Altos (Location 61). PG&E created TPN 125513607 and 125513646 during the audit.
- 1.8. Communication guy hanging on the pole at 23 Alma Ct, Los Altos (Location 64). PG&E created TPN 125514467 during the audit.
- 1.9. Communication riser cover is damaged at 53 Alma Ct, Los Altos (Location 68). PG&E created TPN 125514904 during the audit.
- 1.10. Loose communication wires, slack down guy, and low riser cover at 501 San Luis Ave, Los Altos (Location 71). PG&E created TPN 125515261 during the audit.
- 1.11. Loose communication wires at 426 Budd Ave, Campbell (Location 84). PG&E created TPN 125521387 during the audit.
- 1.12. Loose communication wires at 511 Budd Ave, Campbell (Location 87). PG&E created TPN 125521398 during the audit.