



PACIFIC GAS AND ELECTRIC COMPANY

ELECTRIC INCIDENT REPORT FORM

TO: CALIFORNIA PUBLIC UTILITIES COMMISSION

PG&E Reference Number: EI230522A	
Website	May 23, 2023 at 2320 hours
CPUC Recipient 1-800-235-1076	Date & Time CPUC Notified PG&E
Telephone Number	Reported by 415-973-2782
	Telephone Number

Report Type: 20-Day Report



INJURY/FATALITY: An incident which results in a fatality or personal injury to an employee or 3rd party rising to the level of in-patient hospitalization and is attributable or allegedly attributable to utility owned electric facilities. Incidents involving motor vehicles are not reportable unless they result in death or injury attributable or allegedly attributable to electrical contact with the utility owned electric facilities.



MEDIA: An incident that is attributable or allegedly attributable to Pacific Gas and Electric owned electric facilities and is subject to significant public attention and/or media coverage.



PROPERTY DAMAGE: A single electric incident where the property damage to PG&E or 3rd parties exceeds or is expected to exceed \$50,000 and is allegedly attributable to PG&E owned electric facilities.



OPERATOR JUDGEMENT: Any incident that is significant in the judgement of the operator, even though it may not meet the incident reporting criteria.

20-Day Report Sent to CPUC – Date: June 20, 2023

Initial Report Sent to CPUC – Date: May 23, 2023



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TO: CALIFORNIA PUBLIC UTILITIES COMMISSION

PG&E Reference Number: EI230522A				20-Day Report	
Date and Time of Incident:		May 22, 2023 at 2025 hours			
Date and Time Incident Determined Reportable:		May 22, 2023 at 2200 hours			
Location of Incident:		[REDACTED]			
City:	San Leandro	Division:	Mission	County:	Alameda
Circuit/Facility:	San Leandro U 1106	Voltage:	12kV		
Service Interrupted (Date and Time):	May 22, 2023 at 2115 hours	Total Customers Affected:	1		
Service Restored (Date and Time):	May 23, 2023 at 0530 hours				

Description of Incident:

On May 22, 2023, at 2025 hours, San Leandro Police (“SLP”) contacted PG&E’s emergency phone and advised that a subject tampered with a PG&E transformer, and live electrical wires were reportedly exposed as a result. SLP requested electrical support from PG&E at the San Leandro Marina, located at [REDACTED] in San Leandro (“Incident Location”), which is not in a High-Fire Threat District. The location is served by the San Leandro U 1106 12kV Distribution Circuit. PG&E understands that the Marina is in the process of being re-developed by the City of San Leandro and is currently closed.¹

By 2045 hours, a troubleshooter arrived at the Incident Location. SLP and Alameda County Fire Department (“ACFD”) personnel were observed on-scene. The troubleshooter observed that the door to PG&E pad-mount transformer T-20550 (“Incident Transformer”) was open, the transformer’s internal on/off switch was in the ‘off’ position, and three primary load break elbows as well as associated cables were found removed from the high-side compartment. The troubleshooter also observed that a secondary neutral cable appeared to have been cut from the low-side compartment as well, however the spade terminal was still connected. There was also copper grounding wiring missing from both the high-side and low-side of the transformer, consistent with attempted theft/tampering.

At 2115 hours, upon further inspection of the nearest source-side static protection device of the Incident Transformer, the troubleshooter observed two of three fuses associated with Fuse 14471 were open (top and bottom phases). The fuses are located at the primary riser on Streamline Pole SAP ID 103514982 (“Incident Pole”), which is framed vertically. In order to make the scene safe until repairs could be made, the troubleshooter opened the remaining fuse (middle phase), which de-energized the Incident Transformer and one downstream customer, a portion of the City of San Leandro Marina. At the request of the CPUC, the fuses were identified as universal Type “T” 10 Amp, installed in Part 44, 100 Amp fuse cutouts. Records do not contain manufacturer information or model numbers for the fuses; however, PG&E has purchased from several manufacturers in the past such as A.B. Chance, Kearney, Cooper and S&C. The fuses are commonly used to protect lateral taps, transformers, or circuits from overload conditions.

¹ [Shoreline Development | San Leandro, CA](#)



PACIFIC GAS AND ELECTRIC COMPANY

ELECTRIC INCIDENT REPORT FORM

Internal fuses inside the high-side of the Incident Transformer were not blown. The Incident Transformer's internal fuses are designed for the protection of the unit's core assembly and are not designed envisioning a secondary fault, such as intentional human contact.² As such, they did not open during this incident.

Upon further inspection of the scene, the troubleshooter observed a black metal crowbar inside the high-side compartment of the Incident Transformer, which is believed to have been utilized to force entry into the locked Incident Transformer cabinet. This is based upon visual paint defects (pry marks) observed on the low-side Incident Transformer door on either side of the unit's locking mechanism and presence of the crowbar at the scene. In speaking with a San Leandro Police Officer, the troubleshooter learned that two subjects were possibly involved in the incident. One of the subjects reportedly received an electrical shock during the attempted wire theft, as well as severe skin injuries, requiring transport to Highland Hospital for medical treatment by emergency medical services.

A padlock, possibly associated with a City of San Leandro electrical cabinet and PG&E's electrical SmartMeter™, located just east of the Incident Transformer, appeared visibly cut off and wiring from inside the panel was found to be missing as well. The troubleshooter obtained photos of the Incident Location, one of which evidenced a PG&E High-Voltage warning sticker on the outside of the high-side compartment of the Incident Transformer.

At 2205 hours, PG&E's corporate security was notified of the incident, responded to the Incident Location, and arrived at 2305 hours. Additional photos were taken, and a search for PG&E's Incident Transformer padlock was performed. However, the lock was not recovered at the time.

At 2330 hours, a two-person electric repair crew was dispatched and, upon arrival facilitated repairs by replacing the Incident Transformer's copper neutral wiring, as well as the three high-voltage load break elbows. At 0530 hours, Fuse 14471 was closed which re-energized the Incident Transformer. The transformer switch remained in the 'off' position as the customer's pad-mounted electrical panel, which was located next to the Incident Transformer, could not be safely energized due to apparent wiring theft from inside the cabinet as well as adjacent buildings and subsurface junction boxes in the area. The repair crew installed a new lock to secure the Incident Transformer cabinet doors.

A CPUC requested site visit occurred on May 26, 2023, at 1100 hours, with two CPUC engineers, an Electric Incident Investigator ("EII"), the troubleshooter, and a Restoration Supervisor. Prior to the start of the site visit, the troubleshooter utilized bolt-cutters to gain access to the Incident Location and PG&E owned electrical assets, which were restricted due to a city-owned chain that was situated across Mulford Point Drive, west of Monarch Bay Drive. A PG&E lock was added to the chain for future access to PG&E facilities. EII contacted the City of San Leandro via phone and advised them of access concerns as well as observed electrical tampering with PG&E electrical facilities as well as City electrical facilities. This conversation was also followed up by email. Out of an abundance of caution, and in conjunction with PG&E's Distribution Control Center ("DCC"), the troubleshooter de-energized Fuse 14471 as well as Fuse 14474 which fed a separate pad-mount transformer ("T-20530") and one customer, also the City of San Leandro (Attachment 11). This customer was the next active metered upstream customer from the Incident Location, located near the city-owned chain across Mulford Point Drive. T-20530's

² [Optimized overcurrent protection for pad-mounted, liquid-filled transformers white paper \(eaton.com\)](https://www.eaton.com/whitepaper/optimized-overcurrent-protection-for-pad-mounted-liquid-filled-transformers)



PACIFIC GAS AND ELECTRIC COMPANY

ELECTRIC INCIDENT REPORT FORM

internal on/off switch was found in the 'off' position, and the associated City of San Leandro's pad-mounted electrical box (with PG&E SmartMeter™) was found to have been vandalized with internal wires removed. The aforementioned customer is connected to the transformer via underground cables. The transformer is connected to the high-side of the circuit via underground cables to a primary riser located at Streamline Pole SAP ID 103282432 and Fuse cutouts 14474.

During the site visit, the troubleshooter opened the padlock securing the doors to the Incident Transformer for further inspection, and the unit's on/off switch was observed in the 'off' position. A High-Voltage sticker was observed on the interior door of the high-side compartment of the transformer cabinet as well as the exterior portion of the door.

During the site inspection, a portion of a brass padlock shackle, consistent with those utilized by PG&E, was found in front of the Incident Transformer on the ground near a vacant building. The component of the lock had visible patina on the outside, appeared mechanically cut, and was shiny in appearance in those two particular areas. The lock shackle was retained as evidence by PG&E's Law-Claims Department.

PG&E understands that after the occurrence of the incident, SLP secured the crowbar, a cigarette butt found inside the transformer cabinet as well as a pair of pink headphones as evidence.

PG&E reported this incident to the CPUC on May 23, 2023, under the Injury Criterion as PG&E understands the suspect was likely admitted for overnight hospitalization due to the severity of her injuries.

EII conducted a five-year review of outstanding/postponed/in process/completed/deleted maintenance tags, prior to the occurrence of this incident. The last two General Order 165 patrol and inspection records were also reviewed for the Incident Transformer, Incident Pole, Fuse 14471 and associated underground cables. There were no tags found which are believed to have documented any maintenance anomalies which could have caused or contributed to the occurrence of this incident.

PG&E is including SmartMeter™ interval (usage) data at the request of the CPUC for the one customer downstream from the Incident Transformer (City of San Leandro) for a six-month period of time prior to the date of the incident (Attachment 12). Note that the data indicates the SmartMeter™ stopped reading usage data on March 17, 2023, after 0400 hours. After this time, interval data is based upon estimated usage. A field order (Attachment 13) was created by automated process to investigate the communication loss. As a result, a PG&E field metering technician responded on April 29, 2023, to determine the source of the communication loss. The metering technician was not able to gain access on this date due to the locked chain (also no key) across the roadway at the Marina as mentioned above.

On June 01, 2023, EII contacted the City of San Leandro and setup a field meet at the Marina to discuss utility vandalism/theft concerns, including potentially de-energizing additional PG&E electrical assets for safety.

As of June 04, 2023, PG&E has not located a request from the City of San Leandro to remove/de-energize electrical facilities on Mulford Point Drive (at the Incident Location), and as such facilities were not considered idle.

Note: Please treat this information as confidential, and do not further disseminate.
Internal



PACIFIC GAS AND ELECTRIC COMPANY

ELECTRIC INCIDENT REPORT FORM

PG&E experienced additional vandalism/theft of its electrical assets at 0040 hours on June 05, 2023 (Attachment 11), at the Marina involving the Incident Pole, which was unbolted at its base, and knocked over on its side, affecting associated overhead distribution wires. The city manager arrived on scene and advised PG&E that the pole, associated cables, and the Incident Transformer (May 22, 2023 Incident) could be removed from service. PG&E complied with the request, and also de-energized two spans of overhead conductor downstream from the Incident Pole. On June 05, 2023, PG&E also initiated an idle facility investigation (Attachment 14) for a portion of the circuit on Mulford Point Drive including the Incident Location and is in the verification process, pending written confirmation from the City of San Leandro. PG&E is including its idle facility procedure (Attachment 15) at the CPUC's request.

On Jun 05, 2023, the city cancelled the June 06, 2023, scheduled field meet due to a non-related fire at the Marina, out of concern of smoke and a reported on-going fire investigation.

PG&E has concluded its investigation into this incident and determined that PG&E did not cause or contribute to injuries sustained to a member of the public. The incident likely occurred during the process of an attempted utility theft of PG&E electrical equipment, in violation 484(a)/488 of the California Penal Code.³ PG&E will reopen the investigation if further evidence is presented and will develop corrective actions if determined necessary. All times, customer numbers and measurements mentioned in this report are approximate. PG&E is fully cooperating and communicating with external agencies as required.

Attachments:

- DRU11860_Atch01_2022 GO165 UG Patrol Records_CONF.pdf
- DRU11860_Atch02_2022 GO165 OH Patrol Records_CONF.pdf
- DRU11860_Atch03_2021 GO165 UG Patrol Records_CONF.pdf
- DRU11860_Atch04_2021 GO165 OH Patrol Records_CONF.pdf
- DRU11860_Atch05_2020 GO165 UG Inspection Records_CONF.pdf
- DRU11860_Atch06_2019 GO165 OH Inspection Records_CONF.pdf
- DRU11860_Atch07_2017 GO165 UG Inspection Records_CONF.pdf
- DRU11860_Atch08_2014 GO165 OH Inspection Records_CONF.pdf
- DRU11860_Atch09_EC Tag 126205525_CONF.pdf
- DRU11860_Atch10_ILIS 23-0074421_CONF.pdf
- DRU11860_Atch11_ILIS 23-0076051_CONF.pdf
- DRU11860_Atch12_SmartMeter™ Interval Data_CONF.xlsx
- DRU11860_Atch13_Field Order 2162409193_CONF.pdf
- DRU11860_Atch14_Idle Facility Investigation Notif 126295045_CONF.pdf
- DRU11860_Atch15_Utility Procedure TD-2459P-01_Idle Facility_CONF.pdf
- DRU11860_Atch16_Photos_CONF.pdf
- DRU11860_Atch17_Police_Fire Reports_CONF.pdf

³ As defined by California Penal Code 487(e), the collective value of labor and property loss, could exceed the \$950.00 threshold.



PACIFIC GAS AND ELECTRIC COMPANY

ELECTRIC INCIDENT REPORT FORM

- DRU11860_Atch18_Incident Maps_CONF.pdf