



PACIFIC GAS AND ELECTRIC COMPANY

# ELECTRIC INCIDENT REPORT FORM

**TO: CALIFORNIA PUBLIC UTILITIES COMMISSION**

<b>PG&amp;E Reference Number: EI230426A</b>	
CPUC Website	April 27, 2023, at 0207 hours
CPUC Recipient	Date & Time CPUC Notified
1-800-235-1076	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 3<sup>rd</sup> 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: May 25, 2023**
**Initial Report Sent to CPUC – Date: April 27, 2023**



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## ELECTRIC INCIDENT REPORT FORM

TO: CALIFORNIA PUBLIC UTILITIES COMMISSION

PG&amp;E Reference Number: EI230426A

20-Day Report

<b>Date and Time of Incident:</b>		April 26, 2023, at 2039 hours	
<b>Date and Time Incident Determined Reportable:</b>		April 27, 2023, at 0135 hours	
<b>Location of Incident:</b>		Sansome Street and Halleck Alley	
<b>City:</b>	San Francisco	<b>Division:</b>	San Francisco
		<b>County:</b>	San Francisco
<b>Circuit/Facility:</b>	SF J Substation	<b>Voltage:</b>	12kV & 4kV
<b>Service Interrupted (Date and Time):</b>	April 26, 2023, at 2039 hours	<b>Total Customers Affected:</b>	9,500
<b>Service Restored (Date and Time):</b>	April 29, 2023, at 1737 hours		

**Description of Incident:**

On Wednesday, April 26, 2023, at 2039 hours, PG&E's Distribution Control Center ("DCC") received SCADA alarms indicating that a circuit breaker on the SF J 1105 network underground distribution circuit ("J-1105") had tripped open and that there was abnormal current and voltage on the substation ties ("ZJ ties") that power San Francisco Substation J ("Station J") from San Francisco Substation Z ("Station Z"). At the same time, PG&E SmartMeters™ began to detect a number of power failures on the circuits fed by Station J. PG&E dispatched an underground troubleshooter ("Troubleshooter #1") at 2044 hours. At 2049 hours, the San Francisco Fire Department ("SFFD") contacted the PG&E Emergency Line to report a vault fire and indicated a possibility of two vault fires.

Also at 2049 hours, the 12kV ZJ-2 tie cable tripped from its source (Station Z). Very soon after, at 2051 hours, the 12kV ZJ-1 tie cable tripped from its source (Station Z). The remaining 12kV tie cables stayed in service at that time. Around 2050 hours, additional SmartMeters™ began to report loss of power. PG&E dispatched a second underground troubleshooter ("Troubleshooter #2") at 2052 hours.

By 2101 hours, Troubleshooter #1 was on site at the intersection of Sansome Street and Halleck Alley ("Incident Location 1," a non-HFTD) and reported an active vault fire to the Distribution Operator ("DO"). When Troubleshooter #1 arrived, SFFD was already onsite. Around the same time, Troubleshooter #2 arrived at a manhole on Clay Street between Kearny Street and Montgomery Street ("Incident Location #2"). Troubleshooter #2 observed this manhole was smoking and that SFFD was on site. The San Francisco Police Department ("SFPD") was present at the intersection and the traffic lights were out.

At 2110 hours, the DO told Troubleshooter #1 that they were going to deenergize Station J because the ZJ ties at the Incident Location were at risk. The DO deenergized Station J at 2113 hours, de-energizing 9,500 customers. Troubleshooter #1 removed the vault cover at the Incident Location and extinguished the fire with help from SFFD. They used both chemical extinguishers and water to extinguish the fire once the vault had been fully deenergized. SFFD's CO2 truck was not available at the time. Once the fire was out, they vented the hole. When it was safe to enter, Troubleshooter #1 observed that all five ZJ ties were damaged and would need to be replaced.



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At 2120 hours, Troubleshooter #2 contacted the DO to ask if the vault at Incident Location #2 was deenergized. Troubleshooter #2 explained that this vault had been on fire but the fire had just stopped. The DO confirmed that this second vault was deenergized. Troubleshooter #2 removed the manhole cover and observed damaged cable.

PG&E dispatched a substation electrician to Station J to support at the DO's request. PG&E dispatched crews to begin repair assessments and began to switch customers to alternate feeders where possible. At 2337 hours, PG&E restored 185 customers via switching. On April 27, 2023, at 0100 hours, PG&E restored an additional 2,451 customers via switching.

Over the following weekend, crews worked to repair the damaged sections of cable and restore enough capacity to support all the customers on the network distribution circuits fed by Station J. Two vaults sustained fire damage and equipment in two additional vaults was damaged. In total, PG&E performed work in eleven different vaults in order to replace broken equipment and pull new cable. PG&E completed restoring customers on April 29, 2023, at 1737 hours. Repairs are still ongoing and are expected to exceed \$50,000. All related EC tags will be provided at a later date once the work is completed.

PG&E collected cable and distribution network devices from the Incident Location and other affected vaults related to this incident. PG&E is not aware of any injuries associated with this incident.

PG&E reported this incident to the CPUC on April 27, 2023, under the Media criterion due to coverage from at least six media outlets within hours of the incident. PG&E is continuing its investigation into this incident. This information is preliminary, and 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:**

- DRU11748\_Atch01\_2021 GO165 patrol records\_CONF.pdf
- DRU11748\_Atch02\_2022 GO165 patrol records\_CONF.pdf
- DRU11748\_Atch03\_2017 GO165 inspection records\_CONF.pdf
- DRU11748\_Atch04\_2020 GO165 inspection records\_CONF.pdf
- DRU11748\_Atch05\_ILIS Report 23-0065221\_CONF.pdf
- DRU11748\_Atch06\_Photos\_CONF.pdf
- DRU11748\_Atch07\_Fire Report.pdf
- DRU11748\_Atch08\_Incident Map\_CONF.pdf