



PACIFIC GAS AND ELECTRIC COMPANY

ELECTRIC INCIDENT REPORT FORM

TO: CALIFORNIA PUBLIC UTILITIES COMMISSION

PG&E Reference Number: EI220905B	
CPUC Website	September 5, 2022 at 2100 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 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: October 3, 2022
Initial Report Sent to CPUC – Date: September 5, 2022

Internal


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TO: CALIFORNIA PUBLIC UTILITIES COMMISSION
PG&E Reference Number: EI220905B
20-Day Report

Date and Time of Incident:		September 5, 2022 at 1400 hours	
Date and Time Incident Determined Reportable:		September 5, 2022 at 2030 hours	
Location of Incident:			
City:	Napa	Division:	North Bay
		County:	Napa
Circuit/Facility:	Napa 1102	Voltage:	12kV
Service Interrupted (Date and Time):	September 5, 2022 at 1400 hours	Total Customers Affected:	250
Service Restored (Date and Time):	September 5, 2022 at 2210 hours		

Description of Incident:

On September 5, 2022, at 1400 hours, PG&E's Distribution Control Center received SCADA alarms indicating an outage on the Napa 1102 (12kV) Overhead and Underground Distribution Circuit, resulting in 250 customers out of power. PG&E dispatched two troublemen to investigate at 1405 hours. PG&E's emergency services line received a call from the Napa Fire Department ("NFD") about a blown transformer at [REDACTED] at 1430 hours.

Troubleman #1 located the fuses immediately source-side of the outage and reported to the Distribution Operator that one of three fuses was blown. Troubleman #1 opened the other two fuses to de-energize the line. Troubleman #2 went to a transformer near [REDACTED] ("Incident Location") where the NFD pointed out a smoking padmount transformer. Troubleman #2 confirmed the transformer was de-energized and opened the padmount enclosure. Troubleman #2 observed that one of the center phase load-break elbows was damaged. There was smoke inside the transformer and all six elbows were blackened due to high-temperature exposure and possible internal fire. The troublemen isolated the damaged transformer and performed switching to restore 220 customers at 1550 hours. Troubleman #1 wrote an Electric Corrective ("EC") tag to replace the damaged transformer and underground cable. Both troublemen departed by 1620 hours.

PG&E deployed a mobile generator to power the secondary cable and restored power to all remaining customers on September 5 at 2210 hours. The underground cable and padmount transformer were replaced on September 20, 2022. PG&E collected the transformer and a piece of underground primary cable.

This incident occurred during one of the largest heat events California had experienced since 2006. On September 5, 2022, various weather stations near the Incident Location recorded high temperatures between 108-112°F.

The transformer operated within its rated load limit for the twelve months prior to the incident. The peak load on September 5, 2022, was 57kVA. This is lower than the 2022 peak load (as of August) of 73.3kVA and the transformer nameplate rating of 100kVA. On September 5, 2022, the transformer load increased from 27kWH at 1000 hours to 57kWH at 1200 hours.

PG&E reported this incident to the CPUC on September 5, 2022, under the Media criterion due to inquiries from four separate media outlets within the first six hours of the incident. The Incident Location is in a non-High Fire Threat District.

Internal



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PG&E reviewed all completed, cancelled, and pending Electric Corrective (“EC”) tags generated at the Incident Location in the last five years between September 5, 2017 and September 5, 2022. No abnormalities were noted.

PG&E has concluded its investigation into this incident as the failure was determined to be overheating due to the extreme heat event. PG&E will reopen the investigation if further evidence is presented and will develop corrective actions at that time. 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:

- Attachment 01_ 2019 GO165 patrol records_CONF.pdf
- Attachment 02_ 2021 GO165 patrol records_CONF.pdf
- Attachment 03_ 2017 GO165 inspection records_CONF.pdf
- Attachment 04_ 2020 GO165 inspection records_CONF.pdf
- Attachment 05_EC tag_124446696_CONF.pdf
- Attachment 06_ILIS Report_CONF.pdf
- Attachment 07_Transformer Loading Data.pdf
- Attachment 08_Photos.pdf
- Attachment 09_Incident Diagram_CONF.pdf