



PACIFIC GAS AND ELECTRIC COMPANY

ELECTRIC INCIDENT REPORT FORM

TO: CALIFORNIA PUBLIC UTILITIES COMMISSION

PG&E Reference Number: EI200724B	
CPUC Website	July 24, 2020 at 2245 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 property damage of the utility or a single 3rd party is estimated to exceed \$50,000 and is attributable or allegedly attributable to utility 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.
- AIRCRAFT STRIKE:** Any incident involving aircraft striking PGE facilities, even though it may not meet the incident reporting criteria.

20-Day Report Sent to CPUC – Date: August 20, 2020

Initial Report Sent to CPUC – Date: July 24, 2020


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TO: CALIFORNIA PUBLIC UTILITIES COMMISSION
PG&E Reference Number: EI200724B
20-Day Report

Date and Time of Incident:		July 24, 2020 at 1230 hours	
Date and Time Incident Determined Reportable:		July 24, 2020 at 2200 hours	
Location of Incident:			
City:	Bakersfield	Division:	Kern
County:		County:	Kern
Circuit/Facility:	Stockdale 2111	Voltage:	21kV
Service Interrupted (Date and Time):	July 24, 2020 at 1230 hours	Total Customers Affected:	4,100
Service Restored (Date and Time):	July 24, 2020 at 1745 hours		

Description of Incident:

On July 24, 2020 at 1230 hours, PG&E became aware of an outage on the Stockdale 2111 21kV Distribution Circuit when the Circuit Breaker (CB) 2111/2 opened, resulting in a power outage affecting 4,100 customers. At the same time, the Bakersfield Fire Department ("BFD") reportedly received notification of a fire at [REDACTED] in Bakersfield ("Incident Location"), which is a large apartment complex. At 1235 hours, the BFD reportedly arrived at the Incident Location and saw no signs of a fire. Also, at this time PG&E started remote switching to isolate the fault and dispatched three PG&E Troublemakers ("Troubleman #1", "Troubleman #2" and "Troubleman #3") to the Incident Location.

Residents interviewed by BFD reportedly heard a large bang and some subsequently saw "flames from underneath the sink" and "water leaks" at an unknown location. The BFD did not observe flames or smoke but was able to verify that a water main had burst and had sustained damage from the smoke. The BFD also observed an arc on the water main and initiated evacuations. Also, the local water utility shutoff water to the subject apartment complex.

The first PG&E responders, Troubleman #1 and Troubleman #2 arrived at the Incident Location at 1240 and 1250. Troubleman #3 arrived on scene at 1405 hours. At 1400 hours, a PG&E area Restoration Supervisor arrived at the Incident Location and observed burn marks on customer facilities such as water pipes and communication boxes. The Restoration Supervisor called the PG&E area Superintendent for Kern Division, who arrived at the scene, spoke with the customers, and then worked to provide hotel accommodations to some of the residents impacted by the incident that had lost power and water services due to the incident. The PG&E Superintendent also secured electrical and plumbing contractors to inspect and repair affected electrical wire and plumbing on the customer side. The BFD reportedly departed the Incident Location at 1430 hours once the area was considered safe.

Prior to the Restoration Supervisor arriving, the Distribution Control Center (DCC) attempted, unsuccessfully, to open and close Switch 11005 ("Incident Switch") remotely as part of the restoration process. PG&E proceeded to dispatch a fourth PG&E Troublemaker ("Troubleman #4") to troubleshoot issues with Switch 11005. At the direction of the DCC, Troubleman #4 inspected the Incident Switch and reportedly observed it making noise. Troubleman #4 also found that while the SCADA indicator showed the Incident Switch was in the "open" position, the switch was only partially opened. Troubleman #4 tested the Incident Switch, determined it to be operational, and proceeded to manually close the Incident Switch. Troubleman #4 then notified the DCC and the DCC completed all switching, restoring 4,030 customers by 1700 hours.

By 1745 hours, the fault location had been isolated to a section of primary underground conductor between transformers T-2142 and T-2143 and the DCC successfully restored service to all 4,100 impacted customers. The damaged underground conductor is scheduled to be repaired at a later date.

On July 25, 2020 at 0820 hours, another outage occurred related to the Stockdale 2111 21kV Distribution Circuit, affecting 1,600 customers. A PG&E Troublemaker (Troubleman #5) was dispatched at 0830 hours and arrived onsite at the Incident Switch at 0840 hours.

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Troubleman #5 reported that the Incident Switch had failed catastrophically and caught on fire at the intersection of Ming Avenue and New Stine Road, 400 feet from Incident Location. The incident damaged the cables adjacent to Switch 11005 in the underground enclosure, destroyed the enclosure lid, destroyed the SCADA device associated with the switch, and caused an oil spill that leaked to the adjacent underground enclosure. Troubleman #3, who assisted in the incident the previous day, arrived at 0845 hours. Additional PG&E Troublemans arrived at the Incident Location between 1000 and 1110 hours to help with the restoration process.

At 1955 hours, the PG&E Repair Crew arrived at the Incident Switch to complete the necessary repairs. The crew replaced the Incident Switch, the SCADA device, and the damaged cables associated with the Incident Switch. PG&E used mobile generator units to supply temporary power to customers while the repairs were being performed. PG&E restored service to 1,600 customers at 1145 hours on July 26, 2020. PG&E is not aware of any injuries or 3rd party damage sustained as a result of the outage that took place on July 25, 2020.

On July 24, 2020 at the time of the incident, the meteorology data from PG&E station SR-58, 7 miles south-east of the Incident Location, recorded mean temperature of 85 °F and wind gust of 15 miles per hour. No lightning strikes were reported.

On July 25, 2020 at the time of the incident, the meteorology data from PG&E station SR-58, 7 miles south-east of the Incident Location, recorded mean temperature of 86 °F and wind gust of 18 miles per hour. No lightning strikes were reported.

PG&E reported this incident to the CPUC on July 24, 2020 under the Property Damage criterion due to expected damages to customer property to exceed \$50,000.

PG&E retained the Incident Switch, the cables and the SCADA device associated with the Incident Switch as evidence.

PG&E is continuing its investigation into this incident. This information is preliminary and all the times, customer numbers and measurements mentioned in this report are approximate. PG&E understands that BFD is looking into this incident and PG&E is cooperating.



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Attachments:

- Attachment 01_2016 GO165 patrol records_CONF.pdf
- Attachment 02_2019 GO165 patrol records_CONF.pdf
- Attachment 03_2014 GO165 inspection records_CONF.pdf
- Attachment 04_2017 GO165 inspection records_CONF.pdf
- Attachment 05_EC notification_119506305_CONF.pdf
- Attachment 06_EC notification_119506517_CONF.pdf
- Attachment 07_EC notification_119507002_CONF.pdf
- Attachment 08_ILIS_20-0075695_CONF.pdf
- Attachment 09_ILIS_20-0075696_CONF.pdf
- Attachment 10_Photos_CONF.pdf
- Attachment 11_Bakersfield Fire Report.pdf
- Attachment 12_Incident Map-Diagram_CONF.pdf