

PG&E Metcalf Incident

April 16, 2013

Redacted

February 27, 2014

Agenda

- Overview of Event
- Damage to PG&E
- Post Event Actions
- Next Steps

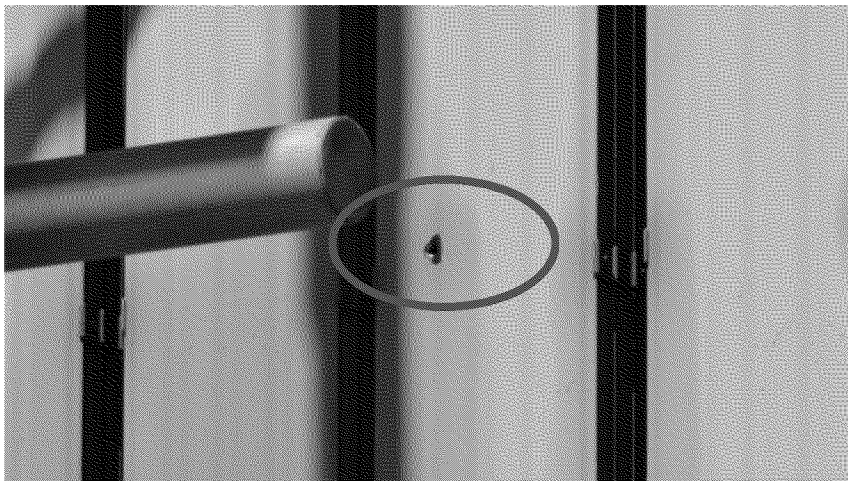
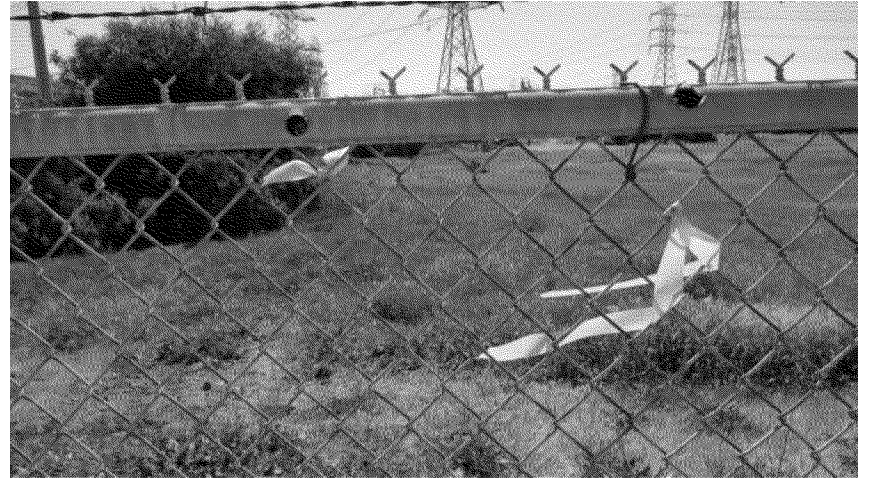
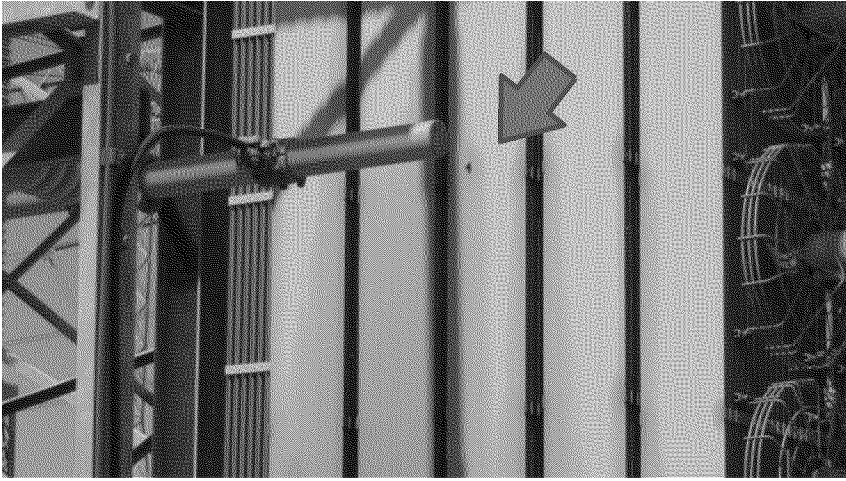
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Event summary

- 0058 Hours
 - AT&T Fiber Cut
- 0107 Hours
 - Level 3 Line Cut
- 0130 Hours
 - 911 Call - Shooting
- 0137 Hours
 - Fence Alarm Activated
- 0145 Hours
 - Bank 4 Relayed
- 0151 Hours
 - Police Arrive On Scene



Damage at Scene



Damage to Substation

Redacted

Damage to Facilities

- 500kV Yard
 - 10 transformers
- 230kV Yard
 - 3 transformers
 - 4 circuit breakers
- Total of 52,000 gallons of oil
- \$15.4 Million in restoration costs
- No outages

SED & Substations

- 2013 launched Substation Audit Program
 - Focused on Non-FERC Substation
 - Audit utility versus current programs
 - Have found some security issues
- Prior Incidents
 - Copper Theft
 - Trespassing
 - Equipment Failures

Post Event

- Immediate:
 - Restoration
 - Investigation
 - Armed security at critical substations
- Long Term:
 - Evaluation of current internal security measures
 - Cameras , Fences
 - Vegetation, Motion Sensors
 - Evaluation of external security measures
 - Coordination with Law Enforcement
 - Coordination with Communication Companies