

# PG&E Metcalf Incident

## April 16, 2013

Redacted

February 27, 2014

# Agenda

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

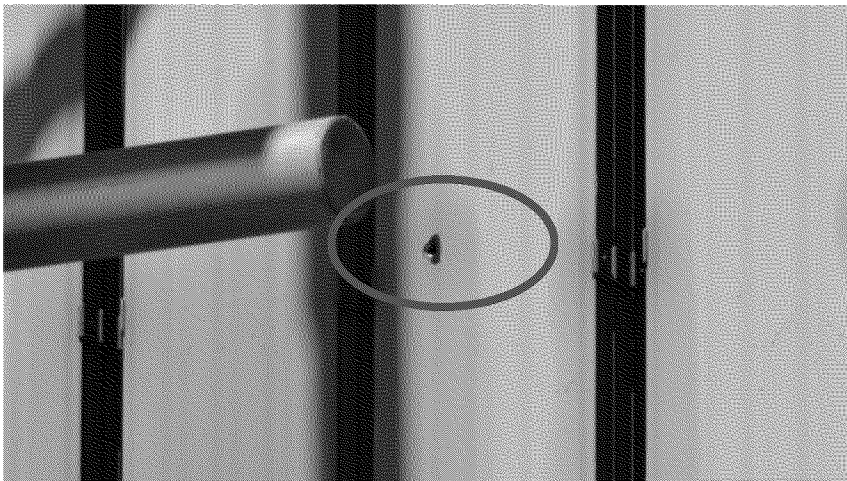
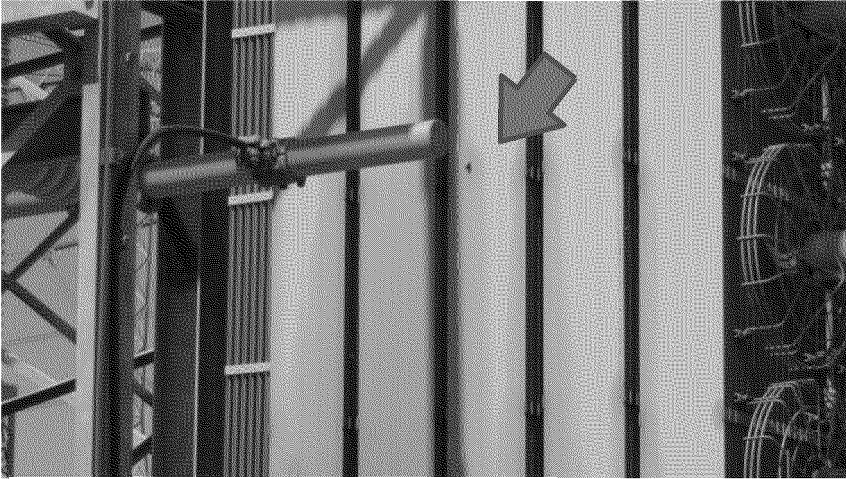
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# Event summary

- 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