

From: Cherry, Brian K  
Sent: 4/19/2013 8:00:18 AM  
To: Florio, Michel Peter (MichelPeter.Florio@cpuc.ca.gov)  
(MichelPeter.Florio@cpuc.ca.gov)  
Cc:  
Bcc:  
Subject: FW: ST/OEC SUMMARY UPDATE: Ops Period #6 - Thursday, 4/18/2013 (1800 to 0600)

FYI

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**From:** Cherry, Brian K  
**Sent:** Friday, April 19, 2013 8:00 AM  
**To:** Michael R. Peevey (michael.peevey@cpuc.ca.gov); 'Clanon, Paul'; Lindh, Frank (frank.lindh@cpuc.ca.gov); Randolph, Edward F. (edward.randolph@cpuc.ca.gov)  
**Subject:** FW: ST/OEC SUMMARY UPDATE: Ops Period #6 - Thursday, 4/18/2013 (1800 to 0600)

Most recent update on Metcalf. PG&E continues to work with law enforcement at this substation and other critical substations on the system.

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**From:** [Redacted]  
**Sent:** Thursday, April 18, 2013 7:12 PM  
**To:** Williams, Geisha; Anderson, Barry; Swanson, Michael (R&C Director); Mayekawa, Douglas; Loduca, Janet C.; Coleman, Steve T; [Redacted]; Peterson, Michael R (Corp Security); [Redacted]; [Redacted] Lemler, Gregg (ET); Elec Ops TO Sub M&C Director Superintendents; [Redacted] Wells, Kenneth (ET); [Redacted]; Back, Eric; [Redacted]; Buchholz, Kristine (ET); [Redacted]; [Redacted] Elec Ops DO DSO Emerg Mgmt; Elec Ops DO DSO Directors; Corporate Security All Employees; Williams, Geisha; Kiraly, Gregory; Martinez, P.J. (ET); Johnson, Mark S (ET); Lemler, Gregg (ET); [Redacted] Wright, Thomas (Director SM&C); Wells, Kenneth (ET); Mayekawa, Douglas; Fitzpatrick, Tim; Burt, Helen; Austin, Karen; Wolf, Malia; [Redacted]; Yeung, Manho; Coleman, Steve T; Phillips, Steve; Hernandez, Brandon J; [Redacted]; Gambelin, Papia; [Redacted]; Suri, Anil K; Wan, Fong; Bell, Des; Shim, Gun; Sample, James W.; [Redacted]; [Redacted] Bijur, Nicholas M.; [Redacted]; [Redacted]; Van Hoosear, Ronald; [Redacted]; [Redacted] Meisel, David; [Redacted]; [Redacted]  
**Cc:** [Redacted]; Almario, Benedict; [Redacted]; [Redacted]  
**Subject:** ST/OEC SUMMARY UPDATE: Ops Period #6 - Thursday, 4/18/2013 (1800 to 0600)

### **Metcalf Substation Event ST/OEC Summary Update**

#### **Operational Period #6 – Thursday, April 18, 2013**

Effective Thursday April 18, this report replaces the reports being sent twice daily from the

Emergency Operations Center. The EOC has demobilized with the exception of the Security Branch and the JIC. All other functions have been transitioned to Metcalf. Security Branch will provide updates as part of this report.

**Summary:**

At 0137 hours 4/16/2013 Fairfield Security received an intrusion detection alarm on the SW fence line of the Metcalf substation. The Grid Control Center also received multiple alarms from Metcalf Substation. The assessment revealed multiple transformers and breakers were damaged by gun shots. Many of the transformers and breakers are out of service as a result of the damage. Additionally oil has been spilled due to the damage. No customers have been impacted by the event to date.

During the same time period, 6 AT&T Fiber Optics lines were cut, in the vicinity of our facility. Santa Clara Sheriff Office and FBI have reported that the two incidents are related.

**S/T-OEC Staffing (located at Metcalf Substation):**

Incident Commander: [Redacted]

Logistics Lead: [Redacted]

Safety Officer: [Redacted]

Ops Chief: [Redacted]

P&I Chief: [Redacted]

Contracts: [Redacted] (Primary-Remote)

Contracts: [Redacted] (Secondary-Remote)

Finance Officer: [Redacted] (Remote)

Public Information Officer: [Redacted] (Remote)

PSS Agency Rep: [Redacted]

Environmental: [Redacted]

S/T-OEC Phone Numbers: [Redacted]

**Substation & Transmission Operations Resources:**

Substation Maintenance Electricians = 13

Substation Supervisors = 5  
Substation Construction Electricians = 4  
Environmental Specialist = 2  
Environmental-Contract Employees= 21  
Substation/Transmission Specialist = 3  
Substation Test = 1  
NASS Contract Crew Personnel = 4  
Insulation & Coatings = 3  
Contract Inspectors = 3  
Contract Crane Operator = 1

**Safety Message:**

- All personnel on site must be trained and authorized to work inside substations
- Applicable clearance distances and clearance procedures need to be adhered to
- Employees need to use Situational awareness and human performance tools
- Ensure employees who are working around oil wash their hands prior to eating, drinking or smoking; use proper PPE to protect skin from contact
- Beware of slip and trip hazards
- Watch out for one another at all times and check for fatigue prior to employee releases especially as repair activities go on for long hours
- Tailboards

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**Transmission Facilities Damaged During Metcalf Substation Event:**

- 500kv Transformers: 10 out of 11 single phase transformers have gunshot damage. All 11 transformers are de-energized.
- 230kv Banks: 3 out of 4 have gunshot damage. Banks 1 and 3 are in service.
- 115kV Breakers: 6 out of 12 breakers have gunshot damage.

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**Incident Objectives:**

- Ensure safety of public and employees
- Maintain electrical grid reliability
- Provide increase security at critical assets
- Assist law enforcement in the investigative phase of incident
- Communicate timely and accurately to external stakeholders and internally
- Mitigate oil release and clean up in compliance with all regulatory agency requirement.

**Operational Objectives:**

- Zero safety incidents to the public, employees, and contractors
- Mitigate oil release and continue with cleanup of oil spill in compliance with all regulatory agencies
- Continue replacement of 115kv circuit breaker 472.
- Continue draining bank 13 and begin removal of radiators.

## **Work and Physical Security in progress during this operational period:**

### ***Station Equipment***

- Ongoing PSC cleanup of spilled oil.
- Drain bank 13 spare and 13C cooling system.
- Circuit breaker 472 in process of being replaced, to be completed 4/19/13.

### ***Environmental Cleanup***

- Containing remaining transformer surface cleaning leaks.
- Cleaning solids out of 500kv SPCC pond.
- Once permission from Santa Clara Water District is obtained clean up oil spill outside of substation in ditch and dry creek bed across the Coyote Creek Trail.
- Cleaning area outside of 230kv yard (NW Corner of 230 Yard).
- Provide support (environmental contractor) to Construction team on Bank #13 work to insure any new spills from radiator are contained.
- Agency Coordination Meeting: EPA, Cal F&W, Santa Clara Dept of Environmental Health.
  - Peter Reich from the Oil Program requested a copy of the SPCC and did an initial site review with Keith Baker. Overall the site visit went well.
  - Lani Lee from the County of Santa Clara gave us the green light to move forward on the cleanup of the creek area. PSC is scheduled to do this work tomorrow April 19<sup>th</sup>, 2013.
- PSC moved 25,000 Gallons of Oil off site for disposal
- PSC continued to work on the clean up outside of the fence near the 500kV yard.
- Access road in 500kV yard will be cleaned up and open for access by 0600 April 19, 2013

April 19<sup>th</sup>, 2013

- PSC will continue to focus on cleanup of soil impacted from spills outside of Substation, including the stream bed area.

### ***Physical Security and Investigations***

- 1 Santa Clara County Sheriff Officer on side outside of substation.
- Third party security personnel on site manning entrance into substation.
- Investigation of the shooting incident at Metcalf Substation continues, led by the Santa Clara Sheriff's Office (SO). At this time there are no new developments. The sheriff's department has completed their investigation at the PG&E Metcalf facility and it has been released to onsite incident commander. Corporate Security investigators are working closely with the Santa Clara County Sheriff investigators to identify leads and possible suspects.
- Corporate security investigators have been on-site in an effort to collect additional evidence, review damage to the facility, and conduct additional witness search.
- Armed law enforcement, contract armed security and unarmed security continues to be provided 24/7 at this facility, and is planned for the foreseeable future. The need for continued security is evaluated by the Security Branch Director, in consultation with the Incident Commander, substations and electrical leadership.

### **Other Electric Substations**

- Security personnel and law enforcement are stationed at all critical 500kV and 230kV substations. At this time, 24/7 security presence will continue indefinitely at all locations. The need for continued security for each facility is being continuously evaluated by the Security Branch Director, substation leadership, and any changes in security presence will be made in consultation with the Incident Commander and electrical leadership.
- An initial flyover of the transmission lines that feed Metcalf was completed by aircraft services. These flyovers continue with the assistance of the California Highway Patrol.

### **Critical Gas Facilities**

- As a result of the Metcalf event, Security personnel and law enforcement are also

stationed at critical gas facilities. At this time, 24/7 security presence will continue at these locations. The need for continued security for each facility is being continuously evaluated by the Security Branch Director, and any changes in security presence will be made in consultation with the Incident Commander, electrical leadership and gas leadership.

#### Other Security-related Issues

- Corporate Security is evaluating additional investigative support and is working closely with AT&T Corporate Security in a cooperative effort.

#### **Safety Performance during Metcalf Substation Event:**

- 0- MVI's
- 0- OSHA's
- 0- Lost Work Days
- 0- WPE's

#### **Total Customers Out Related to Metcalf Substation:**

Total customers impacted during this event = 0

Total customers still out = 0

Total customers restored = 0

#### **Weather Update:**

Metcalf Sub / San Jose Forecast: Fair and dry weather with breezy northwest afternoon winds at times through early next week. Temperatures rising into the low to mid 80's by Monday and Tuesday of next week

#### **Finance Update:**

Report as of 4/18/2013

	Actual	Commitments	Assigned			
30989815 BRKR-CB472 METCALF SUB-EMERGENCY REPLACE	\$	984.77	\$			
8,713.25	\$	9,698.02				
30989981 METCALF SUB REPLACE RADIATOR AT 500KV	\$	52,431.34	\$	501,293.75	\$	
553,725.09						

\$ 53,416.11   \$ 510,007.00   \$ 563,423.11

**Major committed costs**

Hazard Waste pick-up            \$ 249,000.00

Elec constr contract, Circuit Breaker            \$ 207,200.00

Conference call schedule for Friday April 19, 2013 @ 0600 and 1700.

Intelligence Summary update scheduled daily at 0900 and 1800.

Redacted

Substation M&C

Redacted