

2014 Company Exercise #1

CPUC SEDS Update

March 26th, 2014



Agenda

Drill Planning

- Day 1 schedule
- Day 2 schedule
- Next steps

Discussion

- Plans
- Drills
- Communications

Company Exercise – EMAP Impacts

Fully exercised
 Exercised with limited scope
 Not exercised

Exercise Scope

Core Capabilities	Key Elements	2013	May 2014	Nov 2014	May 2015
Clearly defined organizational structure and roles/responsibilities	<input checked="" type="checkbox"/> Executive leadership roles/responsibilities defined – CMT/IST/EWCG and Incident Commanders	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Roles/responsibilities and operational boundaries (including leadership) defined for and between EOC/OEC/REC/DSR and Staging Sites with names, alternates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Key staffing plans at critical locations for T+0 to T+96 (e.g., EOC, GCC, Gas Operations, substations); Earthquake Bay Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> 2 nd roles defined for employees to alleviate resource constraints	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Event triggers with structured operational calls	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Restoration prioritization starts with safety, includes community needs and is staffed appropriately	<input checked="" type="checkbox"/> First priority: Make Safe (e.g. 911 and wires down processes) for catastrophic events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Organizational restoration philosophy (60/30/10 and Carver Model) and staffing requirements to accommodate restoration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Restoration prioritization handbook – accommodates internal PG&E facilities and community needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Standing orders developed to mobilize organization after major emergency event (including patrol and damage assessment)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Identification of response management teams that will come in and assist from outside the affected areas (Bay Area for interim)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Logistics effectively supports restoration requirements	<input checked="" type="checkbox"/> Staging sites up and running (including site setup, traffic flow, ops staffing requirements, IT infrastructure needs, 24/7 staging site 'run' staffing requirements)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Staffing level and procedures for all logistics functions (Fuel, transportation, lodging, food, site parking, security)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Required restoration materials identified and spare parts in place	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Mutual assistance and vendor agreements and lodging in place	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communications are planned, consistent, and transparent	<input checked="" type="checkbox"/> Communication strategies are aligned for external stakeholders: Media, customers, community/state/federal government partners	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Communications playbook is in place, and messaging and timelines are aligned with operational plan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technology and communication infrastructure ready for post-event support	<input checked="" type="checkbox"/> Identify and mitigate risks (high/medium probability and significance) for radios, SCADA, internet connectivity, bandwidth availability, telephony, emergency restoration applications at EOC/REC/OEC/DSR and Staging Site	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Identified tech down procedures for restoration activities to mitigate identified risks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Key applications identified for availability, backups in place	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Employees are prepared and are ready to respond	<input checked="" type="checkbox"/> Employee communication platform	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Employee personal preparedness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Employee assistance programs (home repair, child care)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Financial controls provide accurate reporting	<input checked="" type="checkbox"/> Financial controls in place to accurately account for labor and assets, site controllers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="checkbox"/> Plans are in place to meet our financial obligations in tech down scenarios	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



2014 Exercise Day One

Exercise Timeline: Day 1

1000: Start - 7.0 Earthquake (Hayward Fault, San Pablo Bay)

1000: Multiple Activities begin on event trigger

- 0-2 Hours
 - Damage models run, damage forecast created
 - Inspectors inspect target Critical Facilities (Bldgs/Substations)
 - HR sends out Notifind to targeted employees for status check
 - EP&R uses Notifind to call-in staffing for EOC
 - REC/OEC standing up

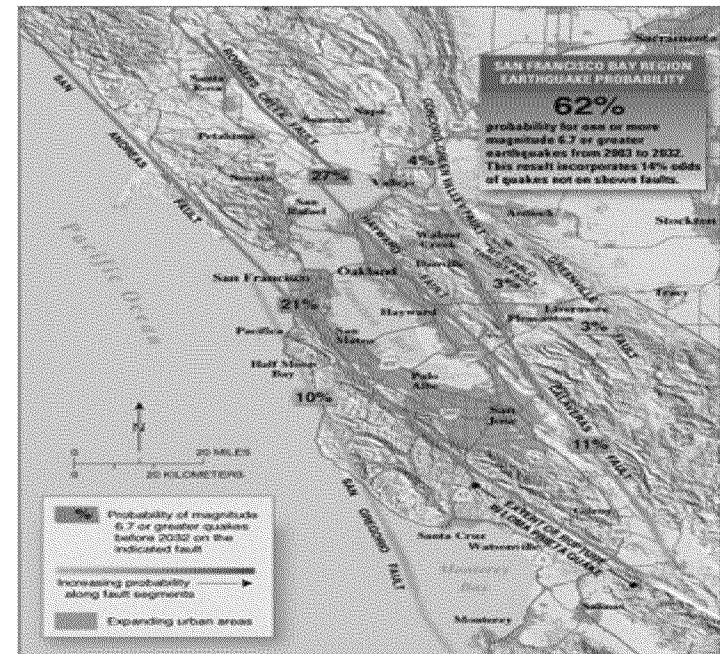
1200: EOC/Bay REC/SF OEC fully staffed

- Damage model shows need for additional resources, both G&E
- Logistics requests staging site creation
- OEC leads 911 standby and Priority Customer response
- STOEC leads substation inspections
- 2-4 hours
 - Multiple injects into the EOC to test to capabilities
 - Operational Period 2 Plan (IAP) developed for Day 2

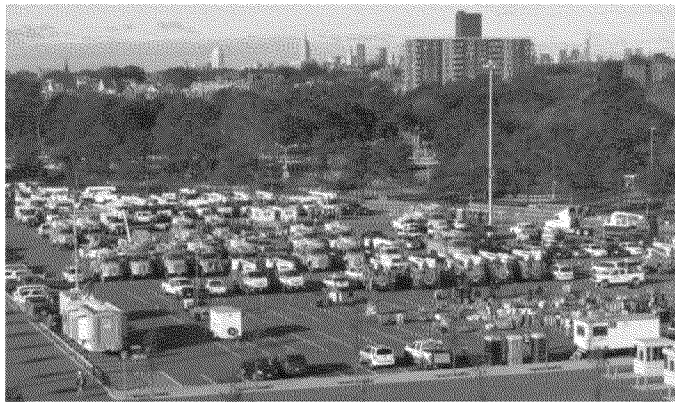
1545: END Day 1 activities

1545-1615: Conduct Hotwash

1615-1630: Closing Remarks from Geisha and Barry



2014 Exercise Day Two



Exercise Timeline: Day 2

0600: Base Camp set up. Outside Personnel arrive.

0630: Personnel eat Breakfast/Executive Tours (Morning session)

0700: EOC partially staffed. Base Camp briefing/Assignments.

0700 to 1200 partial EOC responds to exercise injects

0730: Personnel roll out to continue assessment of community priorities

1200: All personnel back. Accountability check.

1200: End Exercise

1230-1300 Hotwash

1300: Executive Tours (Afternoon Session)


Redacted

Redacted



San Francisco Primary Base Camp – Redacted Incident Command Post Full Activation

Redacted



San Francisco Primary Base Camp – Base Camp Full Activation

Redacted

Redacted



Outcomes and Next Steps

External evaluators will be utilized in some areas to assess exercise play and provide feedback on identified gaps and opportunities to improve. In others, company employees with expertise will be used.

Post exercise hot wash feedback will be utilized to continue to refine the EMAP processes and plans

EP&R will oversee completion of all hot wash items from the Exercise

- Items belonging to lines of business EM orgs or others will be assigned to the appropriate director
- Items belonging to EMAP will be assigned to Malloy for resolution within the program

Exercises will be held semi-annually and will progress in complexity and scope



Discussion Topics

Plans

Drills

Communications

