

Emergency Preparedness & Response

2024 Public Safety Power Shutoff (PSPS) Tabletop Exercise (TTX)

Breakout Session C Command & General Staff –EOC, RECs, OECs March 19, 2024




Safety and Security Orientation

Everyone and everything is always safe

Assign safety roles if in person

Psychological Safety

- 
- Practice transparency and vulnerability
 - Avoid blame; learn from mistakes
 - Show care and appreciation
 - Invite new ideas from all
 - Disagree respectfully and with curiosity
 - Prioritize mental health by encouraging self-care



Fire

- Exits, escape routes, evacuation
- Fire ext.



Earthquake


- Drop, cover, hold




Medical Emergency

- 911/share location
- First aid/CPR
- AED


Security:

- 
- Active shooter—get out, hide out, take out, call out
 - Maintain situational awareness to mitigate hazards

Ergonomics

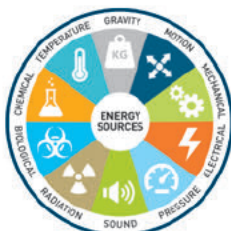
- 
- [Proper ergo](#)
 - 30/30: move 30 secs every 30 min

Start When Safe



- 
- Are you physically and mentally able to work?

 Don't report to work if testing positive for COVID-19 or have cold/flu-like symptoms 

Energy-Based Hazard Wheel



[SIF prevention field guide](#)

 On the road, off the phone 



Park in a safe location



EP&R | PSPS Tabletop Agenda

Time	Activity	Facilitator
0830-0900	Check In	[REDACTED]
0900-0910	Safety	Safety Officer-In Person [REDACTED]
0910-0935	Welcome & Introductions/Roll Call	[REDACTED]
0935-0955	PSPS Program Update	[REDACTED]
0955-1000	Scenario Overview	[REDACTED]
1000-1030	Group Facilitated Discussion - Module 1	[REDACTED]
1030-1230	Facilitated Discussion Sessions - Modules 2-4 Breakout A: Customer/Liaison/PIO/External Partners Breakout B: PSPS Team/IT Breakout C: Command and General Staff - EOC/REC/OEC	Breakout A – [REDACTED] Breakout B – [REDACTED] Breakout C – [REDACTED]
1230-1300	Lunch	



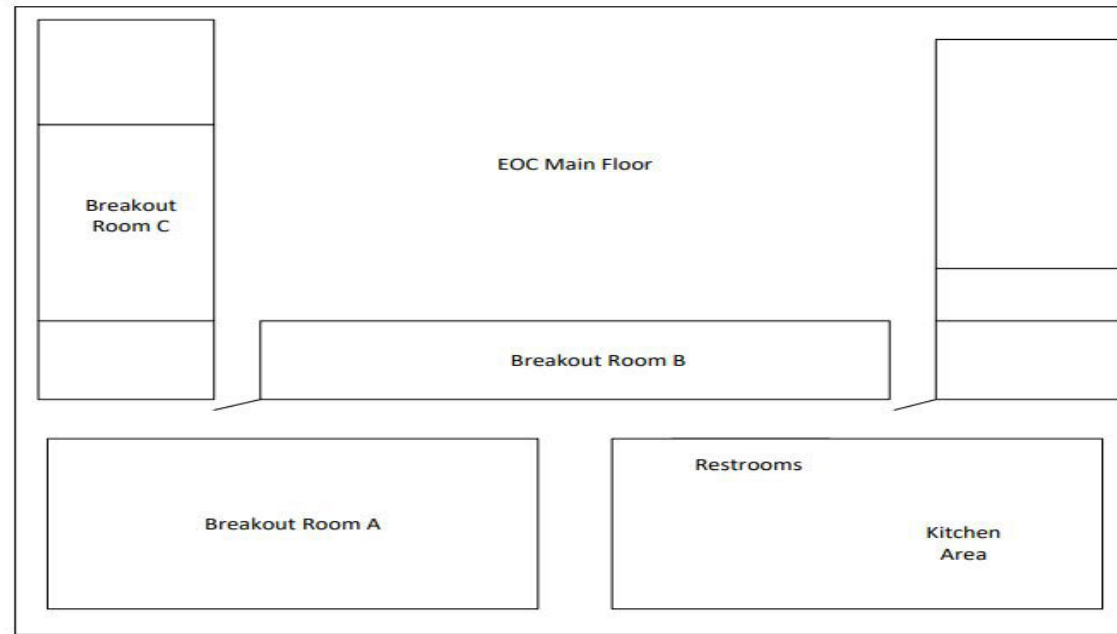
EP&R | PSPS Tabletop Agenda

Time	Activity	Facilitator
1300-1330	Continue Facilitated Discussions on Modules 2-4 in Breakout rooms	Breakout A – [REDACTED] Breakout B – [REDACTED] Breakout C – [REDACTED]
1330-1350	Cross Functional Discussion and Breakout Report Outs Module 2 <ul style="list-style-type: none">• EOC Activation• Event Scoping• Planning and Notification	[REDACTED]
1350-1410	Module 3 <ul style="list-style-type: none">• De-energization and Notification• Event Monitoring	
1410-1430	Module 4 <ul style="list-style-type: none">• All-Clear• Patrol and Restore• Notification	
1430-1500	Wrap-Up, Hot Wash, Closing Remarks	[REDACTED]



EP&R | TTX Rooms Layout

PG&E Emergency Operations Center (EOC)
2024 PSPS Tabletop Exercise Room Diagram



Main
Entrance

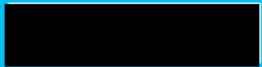
Parking Lot

WELCOME!

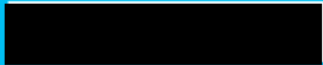
Facilitators



Director, Emergency Preparedness & Response (EP&R), Strategy & Execution (S&E)



Director, Transmission- System Inspections



Emergency Management Specialist, EP&R, S&E, Training & Exercises





EP&R | Teams Rules of Engagement

- This is a Hybrid Format Exercise. All Players will be given an opportunity to participate regardless of their location.
- Please keep your audio connection on mute when not speaking.
- Ensure your computer sound is muted if you called in from a phone to prevent feedback when speaking.
- Please do not interrupt when others are speaking, use the hand raise tool to get the facilitator's attention.
- Each Player will be given the opportunity to provide feedback on every question. Open dialogue is encouraged.
- Please turn on your video when engaging in the discussion.
- Send chat messages to the entire group for ease of monitoring.



EP&R | Exercise Disclaimers & Expectations

Disclaimers

- This is an Emergency Preparedness **EXERCISE**.
- All dialogue, chat messages, and graphic visual aids are intended to assist Players in mitigating the **SIMULATED** PSPS and Wildfire Events portrayed.
- While the scenario provided is plausible, in no way is the simulation intended to portray any real event. Any such similarity is purely coincidental.
- This Tabletop Exercise is an **open, low-stress, no-fault environment**.
- **Decisions are not precedent-setting and may not reflect your organization's final position on an issue.** The exercise is exploratory and serves to identify issues, as well as multiple options and possible solutions.

Expectations

- The Exercise will accomplish the following:
 - Satisfy existing compliance requirements as defined by the California Public Utilities Commission
 - Test the ability of PG&E to prepare for, respond to, mitigate, and recover from a PSPS Event IAW the PSPS Annex to the Company Emergency Response Plan, and other relevant documents that contain PSPS-related policies and procedures.
 - All Players who are speaking should be on camera.

Observer Guidelines

- The observer role is a controlled and limited role.
- Communication between players and observers is **not** allowed during the exercise. This includes posting messages in the chat feature of MS Teams.
- Observers may contact the Exercise Design Team if they have any questions or comments.
- All Players who are speaking shall be on camera.



EP&R | PSPS TTX Objectives

Objective 1 — Planning: Implement a planning cycle according to CERP procedures, PSPS Annex, and ICS principles that use circuit information provided to conduct a PSPS and develop a restoration plan prior to receiving the "All Clear" from the Officer-in-Charge (OIC).

Objective 2 — Operational Coordination and Communication: Implement a response structure that effectively integrates EOC sections, FAs, field crews, and external partners into a cohesive team capable of successfully aligning operational activities with internal and external priorities to safely manage the PSPS event.

Objective 3 — Public Information and Warning: Communicate strategic and required messages to key audiences including PG&E personnel, the public, response partners, and customers including developing press releases, social media posts, and frequently asked questions (FAQs) for the public and delivering required notifications to California Governor's Office of Emergency Services (Cal OES), California Public Utilities Commission (CPUC), and other regulatory bodies.

Objective 4 — Situational Awareness: Support company-wide situational awareness by establishing and maintaining a common operating picture across the response organizational structure to meet the needs of relevant internal and external stakeholders impacted by PSPS (e.g., critical, medical baseline, and commercial customers).

Objective 5 — Critical Resources: Analyze the impacted area to prioritize available resources in a way that reduces physical security concerns and minimizes impacts of the shutoff to company facilities and other critical infrastructure.

Objective 6 — Natural and Cultural Resources: Protect natural and cultural resources and historic properties through appropriate planning, mitigation, response, and recovery actions to preserve, conserve, rehabilitate, and restore them consistent with post-disaster community priorities and best practices and in compliance with applicable environmental and historic preservation laws and executive orders.

Breakout Session C

Command and General Staff

EOC, REC, OEC



Module 2

EOC ACTIVATION EVENT SCOPING PLANNING AND NOTIFICATION





Module 2 - EOC Activation, Event Scoping, Planning and Notifications

EOC Commander & Liaison

80. What are the required notifications upon EOC Activation? Is there any duplication of efforts in this space?

Plans Section

81. What changes have occurred in the Planning Section since the last PSPS Exercise Series, specifically in the Situation Unit?

82. What is the daily meeting cadence? How is this meeting cadence correlated to the Operational “O”?

Logistics

83. How does the EOC Logistics Section coordinate with REC and OEC echelons to accomplish supply chain management?



Module 2 - EOC Activation, Event Scoping, Planning and Notifications

Power Generation

84. Can PSPS de-energization result in public safety impacts due to changes in water flows in the hydroelectric system?

85. Explain the types of impacts and how they are mitigated.

REC/OEC

86a. Please provide an overview of a typical Operational Period during this phase of a PSPS Event.

86b. What is the cadence and content of meetings, communications, and reports?



Module 2 - EOC Activation, Event Scoping, Planning and Notifications

Human Resources

87. HR has three specific and well documented emergency response capabilities: Natural Hazard, Cybersecurity, and PSPS specified in the CERP.

Please explain what emergency roles are supported by HR during a PSPS event.

Safety

88a. How is crew safety managed in the field during de-energization while preparing for patrol and restoration?

88b. Please provide an overview on how Field Safety Specialists coordinate with Commanders at OEC, REC, and EOC levels.

89a. Please provide an overview of how a Serious Incident/Fatality (SIF) report would be generated and escalated.

89b. What is the highest level within the company that a SIF report must be reported to?



Module 2 - EOC Activation, Event Scoping, Planning and Notifications

HAWC

90a. Please provide an overview of how the HAWC monitors emergencies and fire ignitions.

90b. Is additional priority given to specific types of incidents during a PSPS Event?

90c. How is this information processed and communicated?

Module 3

DE-ENERGIZATION AND NOTIFICATION EVENT MONITORING





Module 3: De-energization and Notification, Event Monitoring

EOC Commander/Plans Section

91a. Please provide an overview of the State Executive Briefing.

91b. Where do you obtain the information used to populate the slide deck?

REC/OEC

92a. How do crews operating in the field perform manual switching of devices?

92b. How are they informed of which devices to operate?

93. What effect does the status of Line Reclosers and/or EPSS enablement have on this process, if any?



Module 3: De-energization and Notification, Event Monitoring

Transmission/Distribution Branch Directors

94a. How is scoping information shared and used between the Transmission & Distribution branches?

94b. Please provide an overview of any shared activities in this space.



Module 3: De-energization and Notification, Event Monitoring

Operations Section

95. What communications and coordination are taking place between the decision to de-energize and the actual switching of devices to turn off power?

REC/OEC

96. What is the role of the OEC Commander while power is in the de-energized state? What planning activity takes place?

Human Resources

97. A co-worker calls to request emergency assistance due to their being impacted by a prolonged PSPS outage, and states their medical supplies are in danger of being destroyed. How does HR support PG&E employees in such instances?



Module 3: De-energization and Notification, Event Monitoring

Intelligence & Investigations Section

98a. At what point does the I&I Section activate?

98b. Please provide an overview of how I&I prepares for damage documentation.

98c. How does the PSPS version of I&I differ from that of other hazard types?

Plans Section

99. A member of the Board of Directors calls you directly and is asking for new information to be included in a special report to be delivered to them by the end of the Operational Period.

How do you respond, and how would you coordinate delivery on this request?



Module 3: De-energization and Notification, Event Monitoring

Plans Section

100a. What are the elements of an Executive Summary?

100b. To whom are these reports delivered, and on what cadence?

Human Resources

101. A co-worker calls to request emergency assistance due to their being impacted by a prolonged PSPS outage, and states their medical supplies are in danger of being destroyed. How does HR support PG&E employees in such instances?

Module 4

ALL CLEAR PATROL AND RESTORE NOTIFICATION





Module 4: All Clear, Patrol and Restore, Notification

Aviation Services

102a. How does the Aviation Branch estimate the number of assets needed for each PSPS Event?

102b. Has this process changed in recent years?

103a. What platform does Aviation Services use to dispatch and track assets?

103b. Does this platform have APIs that are compatible with ESRI and other Common Operating Picture platforms?

Finance

104. At what point does the Finance Branch issue charging orders for the event?



Module 4: All Clear, Patrol and Restore, Notification

EOC Commander, Operations Section, Plans Section

105. Please provide an overview of the All-Clear process. How is the decision to begin patrol and restoration communicated to the field?

106a. Is the All-Clear decision based on Time-Place, or Fire Index Area?

106b. How has this changed, if applicable?

107. What role does the Resource Unit play in determining crew movement?



Module 4: All Clear, Patrol and Restore, Notification

Intelligence & Investigations Section

108. Please provide an overview of the damage documentation process.

108a. How is the post-event damage report communicated, and to whom?

108b. What application is used to streamline the documentation process in the field?

Operations Section, REC, OEC

109. Operational constraints are suggesting the need for an Incident Management Team. Is activating an IMT feasible?



Module 4: All Clear, Patrol and Restore, Notification

EOC Commander, Meteorology

110a. How would you respond if PSPS conditions persist in a given Time-Place past the expected All-Clear time?

110b. What are the critical elements of information that factor into this decision?

111. You are in the process of finalizing the last All-Clear meeting, when Meteorology informs you that they are monitoring a potential new event with an estimated weather window 4 days from now. What are your decision points?



Module 4: All Clear, Patrol and Restore, Notification

REC, OEC

112. How are After Action Reports generated at the Region and Division echelons?

113. What elements of critical information are required?

Plans Section

114. How is the Demobilization Plan drafted and disseminated?

115. Who is responsible for the safe return of crews to their home station and off-boarding from the event?



Module 4: All Clear, Patrol and Restore, Notification

ALL

116. What key points of discussion would you like to bring to the group's attention?

117. Are there points of information that have yet to be discussed?

Lunch



Q&A Discussion & Reports Outs

Report outs to Plenary Session after Lunch

Command and General Staff EOC, REC, OEC

1. Module 2
2. Module 3
3. Module 4

Questions?



Thank you!

