

National Infrastructure Resilience

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(EIS C)

California Utilities Emergency
Association

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Discussion Outline

- What is our aim
- What we do
- How are we organized
- Who are our partners
- What are the components of the programs and actions we deliver
- Upcoming opportunities for increased partnerships and participation

Who we are

People from engineering, science, government and the private sector that share a passion for ensuring the Nation prepares for the unlikely but potentially catastrophic impact of a large scale, long term disruption to Electric services.

EIS C Mission

- EIS Council hosts national and international collaboration on resilience and whole community restoration and response planning, addressing severe, national and global scale hazards to lifeline infrastructures.

What we do

Programs and special projects that help government, utilities and their partners develop and implement cost effective, consensus-based protection measures

Who are our Partners

- Critical Infrastructure Owner/Operators
- State, local, tribal, Federal governments
- Non-governmental organizations
- Philanthropic foundations
- Citizen groups

Program Components

- Executive forums (Summit Series, Sector Specific Executive Steering Committees)
- Electric Infrastructure Protection (EPRO) Handbook Series
- Black Sky Event Simulation Project (Video)
- Sector Specific Playbook Project
- Emergency All-Sector Response Transnational Hazards Exercise (EARTH EX)

Upcoming Opportunities for Increased Participation and Partnerships

- EIS Summit VIII The Eighth Annual World Summit on Infrastructure Security, July 24-25, Washington DC.
- First annual Emergency All-Sector Response Transnational Hazard Exercise (EARTH EX), August 23.
- Sector specific 'Playbook' development (Electricity, Water/Waste Water, Fuel, Natural Gas, Finance, NGO, Regulatory, State, Federal)



EARTH EX™

Emergency All-sector Response to Transnational Hazards Exercise

23 August 2017

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The Electric Infrastructure Security Council, Inc.

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EARTH Ex BLUF*

- Critical Life-Line Cross Sector Exercise – Wednesday, 23 August 2017
- No cost to participate.
- Widely distributed exercise using new DHS exercise tools
- Four hour exercise over four advancing phases.
- Opportunity to review and refine policies and procedures for responding to a long duration power outage.
- Come as you are exercise for executive and senior operational managers. No pre-exercise work required.
- Provide valuable feedback to federal and state agencies to improve preparedness and operational support.

BLUF* - Bottom Line
Up Front



EARTH Ex Operational Sectors/Lanes

- Electric
- Water and Waste Water
- Oil and Natural Gas
- Federal Government – Energy, Critical Infrastructure, Emergency Mgt.
- State Government – Emergency Management, National Guard, ESF 8/Mass Care
- Regulatory
- Private Sector
- Non-Governmental Organization (NGO) – Volunteers Active In Disasters
- First Responders/Local Emergency Management
- NISC – Sharing Information and Situational Awareness
- Individual and Family Preparedness – Understanding Individual and Family Preparedness for a long duration power outage (Separate Registration Site)



EARTH Ex 2017 Organizational Focus & Discussion Areas

- Internal Testing on Existing Plans, Policies, and Playbooks
- Reviewing Roles and Responsibilities
- Reviewing Restoration Priorities
- Examining Assessment Procedures
- Determining Situational Priorities
- Developing and Sharing Information



EARTH Ex Play Overview

- Self facilitated, Senior Executive Discussion Based Table top
- Register as an Organization and Self Identify for an exercise lane or lanes
- Log into the exercise site, supply credentials (from registration and select the First Phase)
- Consume and digest the information deliverables
- Review the Advancing Injects
- Set or appoint a timer (designed for a full 4 hours, can be expanded locally)
- Phases are designed to be completed in an hour, however if you choose to take more time – that is up to each participating site. You can always loop back.
- Discuss the scenario and advancing inject materials
- Develop short responses to the Phase Response questions and submit to the BRM. These responses will be used to help advance the EIS Council EPRO Sector Playbooks
- Advance to the next Phase.
- Complete the 3 dynamic phases and the final reflective phase providing feedback on sector specific areas of interest.



EARTH Ex Play Options

- Register and play as a single sector lane
- Bring multiple registered sectors together and execute separate exercise lanes during the discussion and feedback
- Extend the exercise into additional areas or developing leader training opportunities
- Conduct the EARTH Ex at subordinate locations in a regional context (register each location for maximum feedback and input)
- Register as a Sector and encourage team members and families to also register for the Individual and Family Preparedness Lane



EARTH Ex 2017 Exercise Phases



- Phase 1 – Day 3 Widespread Power Outage/No Solution
- Phase 2 – Days 4-6 Widespread Power Outage/Critical Decisions, Assessments & Actions
- Phase 3 – Day 15.... On-going Widespread Power Outage, Black Start, Communications, Cross Sector Coordination



EIS Black Sky and EARTH EX Coordination Team



- Overall project coordinator – John Heltzel
- Publisher/Editor – Paul Stockton
- BSX coordinator – Dr Neil Siegel
- Sector coordinators
 - State/Local – John Madden (john.madden@eiscouncil.org)
 - Electric – John Twitchell (john.twitchell@eiscouncil.org)
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 - Financial – Yedidya Sinclair (yedidya.sinclair@eiscouncil.org)

Where to find out more information



Electric Infrastructure Security Council

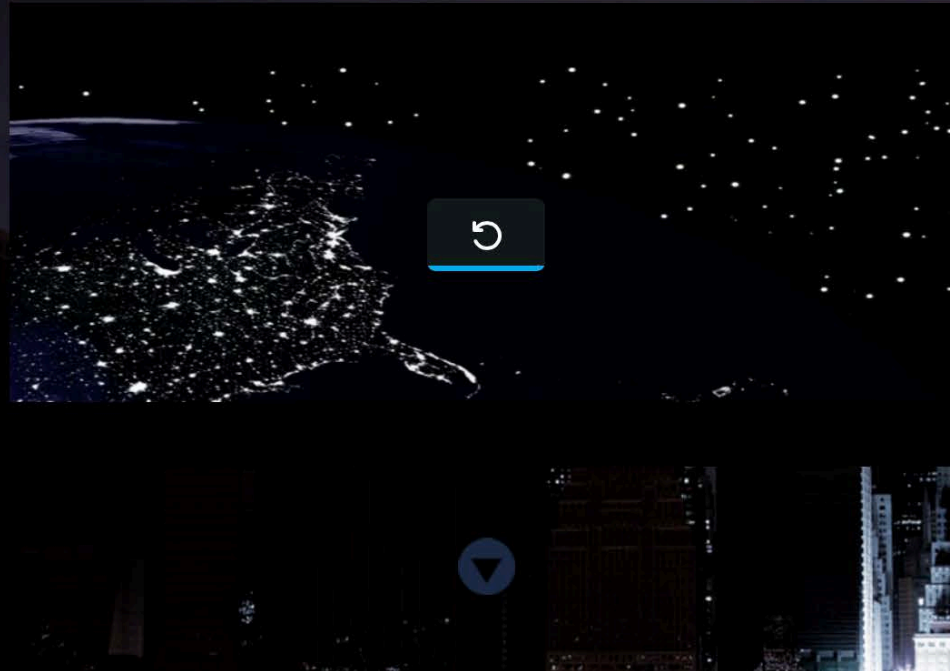
Black Sky Hazards
EIS Summit
EARTH EX

Protection Initiatives
Videos
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Library
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Mission

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<http://www.eiscouncil.org>