

# EARTH EX 2017

Final Planning Conference | 15 June 2017



EARTH EX™ 2017



# EARTH Ex 2017

## Final Planning Conference Objectives

- Exercise Overview
- Exercise Delivery
- Exercise Registration
- Expanded Areas of Interest
- Sector Areas for Phase 4 Feedback



# 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 Design

EARTH Ex 2017 is a decentralized, international, multi-sector, self assessed exercise focused on the impact of long-duration power outages.



# EARTH Ex Primary Objective

Improve community resilience to long-duration power outage events through cross-sector exercises.



# 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)

# Who should participate in EARTH Ex?

- **Sector Specific**

- Decisions Makers
- Planners
- Resource Managers
- Partner Agencies
- Leaders in Training
- Organizations wishes to better understand the threat and their own plans

- **Individuals and Families**



# 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 Specialized Lanes (DC Only)

- Interagency Table Top exercise on federal contingencies, coordination requirements and maintaining continuity of government during long-duration power outages
- On site in DC, jointly facilitated, by invitation

# 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 Individual and Family Preparedness Lane

- Focus is on improving community resilience through individual preparedness.
- Short personal exercise:
  - Black Sky Threat Overview
  - Long Duration Power Outage Preparedness Action Checklist
  - Short Multiple Choice Question Test (Adult and Child Version)
  - Certificate of Participation (electronic)
  - Partner provided support by SPIN Global

# EARTH Ex 2017 Assumptions

- All of the information to drive the exercise discussion will be provided
- Organizations will be encouraged to apply their own internal policies and procedures to develop solutions and responses to the exercise problem
- Access to the Internet will be available
- Each organization will have at least 1 person to serve as a facilitator/recorder. EARTH Ex collects feedback at the end of each phase.
- Each organization is responsible for their own assessment

# 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

# EARTH Ex 2017

## Phase 1-3 Event List

- |   |                  |
|---|------------------|
| • Establishing/Framing Sector Inject              | First 15 Minutes |
| • 360 Degree Cross-Sector Environment View        | First 15 Minutes |
| • Sector Specific Advancing Injects and Questions | First 15 Minutes |
| • Active Discussion and Planning                  | 30 Minutes       |
| • Participant Structured Responses                | 15 Minutes       |

Note: Locations may extend the discussion timeline as desired to complete the action at their discretion.

# EARTH Ex Sector Phase 4 – Open Reflection

## Developing Solutions, Directions and Consensus

- What **Policies** or **External Support** are needed to effectively respond to a long duration power outage or a National Threat scenario (Local, State, Federal)?
- What areas need increased **Training** and **Coordination**?
- How can we improve cross sector **Information Sharing** ?
- What **information** is most critical to your efforts that you don't currently have?
- What are the key sector **Resilience Investments** are needed to be prepared for a long duration power outage (Black Sky)?
- **FAST Act** Feedback
- Power Outage Incident Annex (**POIA**) Feedback and Understanding



# EARTH Ex Design Elements

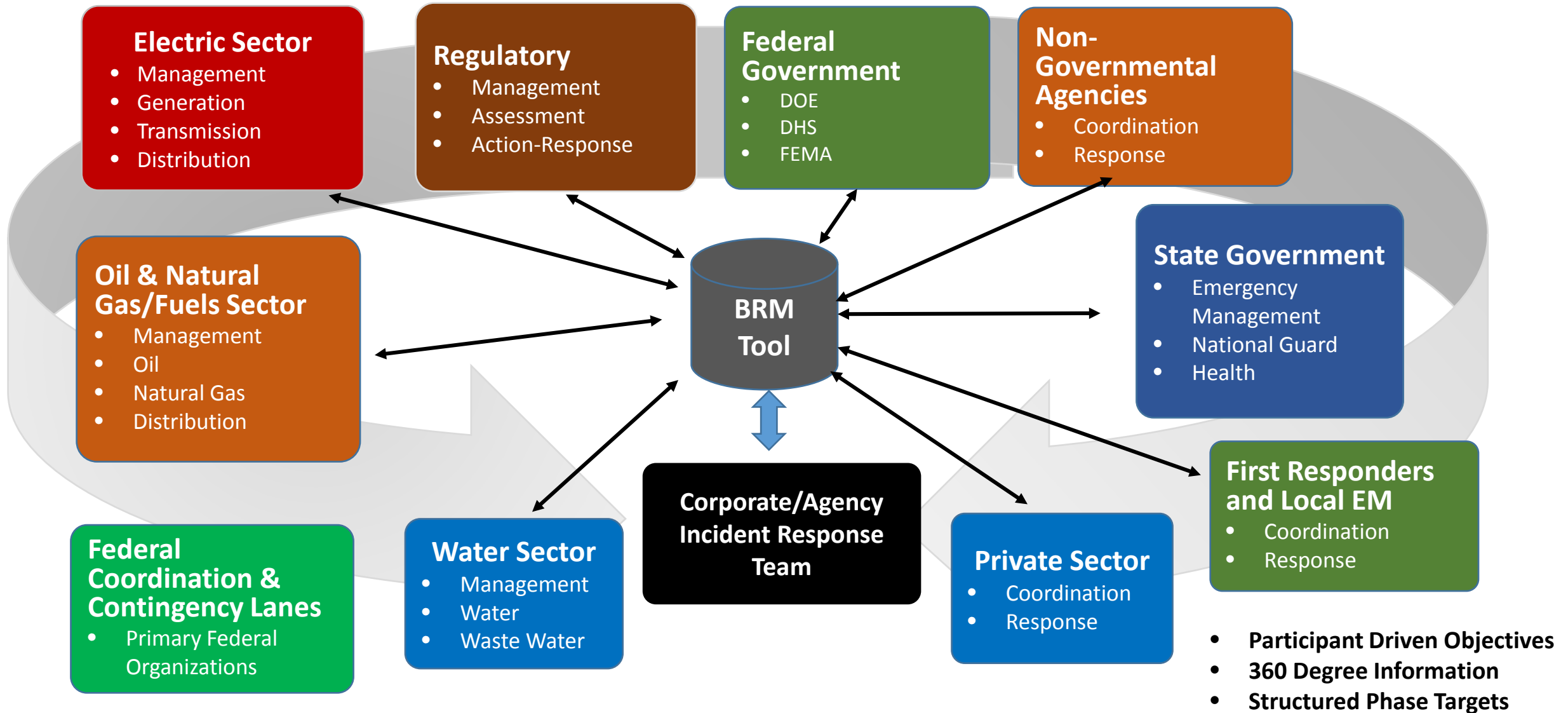
- EARTH Ex is designed to be delivered virtually using electronic tools.
- The Exercise Delivery Mechanism – the Battle Rhythm Manager (BRM) will support multiple lanes of play and multiple phases of the exercise.
- Once you register and pick a exercise sector – you will be in the system for EARTH Ex.
- Back up distribution systems for exercise information will be in place.
- The EARTH Ex 2017 (BRM) will be available for play on the morning of August 23rd.

The National Information Sharing Consortium is a Partner in EARTH Ex 2017 providing support for the BRM.



# EARTH Ex Information Sharing and Lane Play

## The Battle Rhythm Manager – Exercise Tool



# EARTH Ex Schedule

<b>15 June</b>	<b>Thursday</b>	<b>EEX</b>	<b>EEx- Final Planning Conference</b>	<b>Teleconference</b>
<b>19 July</b>	<b>Wednesday</b>	<b>NISC</b>	<b>National Webinar on EEx (Public)</b>	<b>Webinar – Open to Public</b>
<b>19 July</b>	<b>Wednesday</b>	<b>FEMA R-5</b>	<b>RISC Webinar on EEx</b>	<b>Webinar</b>
<b>10 Aug</b>	<b>Thursday</b>	<b>EEX</b>	<b>Facilitators Overview</b>	<b>Teleconference</b>
<b>17 Aug</b>	<b>Thursday</b>	<b>EEX</b>	<b>Internal EEx Rehearsal</b>	<b>All Sector Coordinators</b>
<b>23 Aug</b>	<b>Wednesday</b>	<b>EEX</b>	<b>EEx Target Date 1</b>	<b>All Staff and Sectors</b>

Registered Participants will receive periodic e-mails on EEx as we close on the exercise.

**Registration for EARTH Ex 2017 is 15 June, 2017.**



# EARTH Ex Availability

- EARTH Ex 2017 will be available to all registered participants beginning on 23 August via the supplied links.
- Registered participants will receive a confirmation e-mail.
- When you register – you will select a participation lane.
- You can register and play a sector lane (group/organization) and register to participate in the Individual and Family Preparedness Lane (**in fact, we hope you do!**)



# Essential Links to Participate in EARTH Ex2017

To register to participate in EARTH Ex, or for more information on the exercise, or the EIS Council, please visit:

<http://eiscouncil.com/EarthEx>



# EARTH Ex E-Mail

Please use this e-mail for  
EARTH Ex Questions or Support:

[EARTHEX@EISCouncil.org](mailto:EARTHEX@EISCouncil.org)





## EARTH Ex 2017: A Multi-Sector Exercise Opportunity

*Learn about the August 23 EARTH Ex 2017 Multi-Sector Exercise and how you can participate!*



**Webinar Date:**  
Wednesday July 19, 2017  
1-2 pm Eastern

**Register today for the July 19<sup>th</sup> NISC Webinar for the most up to date information on EARTH Ex 2017!**

<https://register.gotowebinar.com/register/7698488330768695809>

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