Governors’ New Energy Policy Advisors Bootcamp

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Cybersecurity, Energy Security and Emergency Response (CESER)

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CESER Overview

Mission: To enhance the security of U.S. critical energy infrastructure to all hazards, mitigate the impacts of disruptive events and risk to the sector overall through preparedness and innovation, and respond to and facilitate recovery from energy disruptions in collaboration with other Federal agencies, the private sector, and State, local, tribal, and territory governments.

Evolving Threats to Critical Infrastructure

- Extreme Weather
- Accidents and Technical Failures
- Cyber Threats
- Act of Terrorism
- Pandemics
CESER Preparedness and Emergency Response

Preparedness
- Energy Sector Exercises
- SLTT Energy Assurance
- Risk & Hazards Analysis
- International & Defense
- Cyber Preparedness

Response & Recovery
- Situation Analysis
- Emergency Response
- Cyber Incident Coordination

Natural Hazards
- Cyber Attack
- Physical Attack
- Geomagnetic Disturbance (GMD)
- Electromagnetic Pulse (EMP)

Situational Awareness / Continual Monitoring

Coordination with Federal Interagency, Regional, State and Industry Partners

Sector Specific Agency / SRMA
- PPD-8 – Preparedness
- PPD-21 – Infrastructure
- PPD-41 – Cyber
- National Infrastructure Protection Plan (NIPP)

ESF #12
- PPD-44 – Response
- National Response Framework
- Stafford Act
- National Cyber Incident Response Plan (NCIRP)

PPD – Presidential Policy Directive
CESER Collaboration Across the Energy Sector

State, Local, Tribal, and Territorial (SLTT) Government Coordination

Who: Utility and trade CEOs and CISOs/CIOs
Purpose: Coordinate efforts to prepare for and respond to national-level disasters or threats to critical infrastructure.
Working Groups:
- Vision and Planning
- Threat Information Sharing
- Industry-Government Coordination
- Research & Development
- Cross-Sector Liaisons

Oil & natural gas trade associations and their members

Who: Oil & natural gas trade associations and their members
Purpose: Coordinate security strategies, policy, and communications across the sector to support the nation’s security mission.
Working Groups:
- Cyber
- Information Sharing
- Emergency Management
- Law Enforcement Engagement
- Pipelines
Stakeholders in Energy Security, Preparedness and Response

- DOE and other Federal Agencies
- Energy Owners and Operators (Electricity and ONG)
- Local Governments
- Tribal Governments
- Public Utility Commissions
- Governors’ Offices
- Emergency Management Agencies
- State Energy Offices
- State Legislatures
- Other State Governments
- State ESF #12

State offices shown in Orange
Preparedness and Response Resources

**DOE Energy Waiver Library**

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<th>WAIVER CATEGORIES</th>
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**Energy Information Administration (EIA) Energy Atlas**

**NGA-NARUC GridEx VI Webinar**

**DOE EAGLE-I Tool**

**GridEx VI**
Prioritizing Updates to Energy Plans
Consider cybersecurity in all-hazard energy security planning

- Clarify state agency roles and responsibilities for cybersecurity
- Designate a cybersecurity lead
- Train staff to be aware of cybersecurity best practices, specifically avoiding “social engineering” cyberattacks
- Collaborate with your State: Information Security Officer, Homeland Security Advisor and Public Utility Commissioners
- Expand state-level information sharing
State Energy & Resilience Checklist

- Prioritize updates to energy plans and reach out to relevant agencies to ensure alignment with broader state emergency plans.
  - Understand your state’s energy landscape
  - Evaluate risks and hazards to energy infrastructure

- Identify and maintain good working relationships with private & public energy sector contacts

- Convene stakeholders across state agencies to leverage FEMA Building Resilient Infrastructure and Communities (BRIC) grant program funds for energy-specific hazard mitigation projects

- Ensure your state has designated Energy Emergency Assurance Coordinators (EEAC)

- Review DOE’s updated Energy Waiver Library and SLTT Program Resource Library

- Familiarize yourself with your Governor’s energy emergency response authorities and crisis communications strategy

- Participate in GridEx VI

- Visit CESER Website and Hurricane Hub for DOE Situation Reports (during an emergency)
CESER Contact Information

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www.energy.gov/ceser
Energy Emergency Assurance Coordinator Program

- EEAC Program is a cooperative effort between DOE CESER, NASEO, NGA, NARUC & NEMA
- State designates primary and secondary contact(s) for each sector (petroleum, electricity, natural gas) in the event of an energy emergency
- Provides credible, accurate, and timely source of information and updates on actions taken
- Goal is to improve information-sharing and communication and lower response times
- See: Guidance on Reviewing and Updating EEAC Contacts