



The ARRA EAP

Energy Assurance Planning Bulletin

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[Need to Know](#)

State Energy Assurance Guidelines Version 3.1

[Action Items](#)

Update Contacts Recovery Act Report Quarterly Report

[Training](#)

Training Opportunities

[Upcoming Events](#)

February 2010 National Electricity Forum
April 2010 Summer Energy Outlook and Energy Data Workshop

[Other Useful Links and Information](#)

Smart Grid Award Recipients
DHS Crafts Cyber Preparedness Plan
State Legislative Action
Smart Grid Info
OE Website

[Guidance from NASEO](#)

Know Your State's Energy Profile
Get to Know the Key Government and Industry Contacts

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Welcome to the first issue of the quarterly *Energy Assurance Planning Bulletin*, a service of the U.S. Department of Energy, Office of Electricity Delivery and Energy Reliability (DOE/OE). The *ARRA EAP* will provide information on energy assurance planning resources, upcoming events, training opportunities, and important grant deliverable dates.

Need to Know

State Energy Assurance Guidelines Version 3.1 (December 2009) is now available on the National Association of State Energy Officials (NASEO) website at:

www.naseo.org/eaguidelines. The new guidelines have a number of updates and additions, including improved appendices and an expanded discussion of cyber security. Grantees are urged to download and review the new version, which is also an excellent source of information for staff training.

Under the ARRA grant, the next deliverable for States is 4.0, the "Energy Supply Disruption Tracking Process," due in mid-August 2010. *Appendix D: Monitoring Energy Supplies of the State Energy Assurance Guidelines, Version 3.1* provides a solid foundation for this task, which can then be adapted to the specific needs and energy profiles of each State. For information on a tracking process workshop, see [Upcoming Events](#).

Action Items

DUE: 01/10/10

Recovery Act Report must be filed with <https://www.federalreporting.gov>.

DUE: 01/15/10

Updates for existing Energy Emergency Assurance Coordinator (EEAC) contacts are needed. All DOE/OE grantees must confirm the names and contact information of individuals and alternates designated to respond to petroleum, natural gas and electricity disruption issues. These lists are an important element of the Energy Assurance Supply Disruption Tracking process. Once the list is updated, a webinar will be scheduled for anyone new to the EEAC program. All corrections to the existing list should be forwarded to: ISERAdmin@oe.netl.doe.gov.

DUE: 01/15/10

Contact information for participants in the State Energy Assurance Program funded by the DOE federal grant is also needed. While EEAC contacts are the individuals responsible for "responding to events," this second list will identify those directly involved in carrying out the *planning, training and exercises required by the DOE ARRA grant*. These may or may not be the same contacts on the EEAC list. This list is intended to identify people taking the lead in carrying out the work of the grant, not those who are handling grant administration only. If a State or locality has assigned different tasks to multiple agencies, it should identify points of contact in each relevant agency and associated areas of responsibility. Information should include name, title, agency name, mailing address, phone, and e-mail address. All contact information should be sent to: ISERAdmin@oe.netl.doe.gov.

DUE: 01/30/10

Quarterly Report must be filed with the DOE Energy Efficiency and Renewable Energy (EERE) Project Management Center. <https://www.eere-pmc.energy.gov/SubmitReports.aspx>.

Training Opportunities

The Workforce Development Plan required by the DOE ARRA grant calls for the training of staff new to energy assurance efforts. DOE/OE is currently developing training opportunities, including webinars. It is also important for each State to determine whether State-level emergency management training is available. In the interim, the Federal Emergency Management Agency (FEMA) and DOE have several on-line training courses available at:

<http://www.training.fema.gov/IS/crslist.asp> and <http://training.fema.gov/EMIWeb/IS/IS812.asp>

Appropriate choices include:

- Introduction to Incident Command System (Course Code: ICS 100.a)
- National Response Framework, An Introduction (Course Code: IS-800.b)
- National Infrastructure Protection Plan, An Introduction (Course Code: IS-860.a)
- Emergency Support Function (ESF) # 12 - Energy (Course Code: IS-812)

Other Useful Information and Links

Smart Grid Investment Grant Recipients were identified by DOE on October 27. The awards are part of a \$3.4 billion investment intended to bring a new level of efficiency to the industry by spurring innovative projects. A complete list of Smart Grid award recipients is available at:

http://www.energy.gov/recovery/smartgrid_maps/SGIGSelections_Category.pdf

DHS drafts National Cyber Incident Response Plan (NCIRP) to combat the next generation of security threats. The purpose of this document is to define roles and responsibilities as part of a national response and recovery framework for addressing cyber incidents. The draft, which is still under review, designates the National Cyber Security and Communications Integration Center (NCCIC), which opened October 30, as the national coordination center for cyber incident response activities.

Illinois Extends Renewable Energy Project Financing Illinois Governor, Pat Quinn (D), signed a bill into law November 11 that provides a State-backed guarantee supporting construction of energy efficiency projects, including those for biofuels. SB 1906 clarifies the Illinois Finance Authority's existing bonding authority for renewable energy and clean coal projects by adding energy efficiency projects to those covered by the original bill.

Smart Grid Info <http://www.naruc.org/Ferc/default.cfm?c=3>

OE Website <http://www.oe.energy.gov/>

Upcoming Events

National Electricity Forum - February 17-18, 2010, Washington, DC This public policy forum on the Nation's electric power delivery system will focus on infrastructure for a clean energy economy. Issues will include possible infrastructure and paradigm changes; carbon mandates; challenges facing State and Federal regulators; and Smart Grid. For more information, visit: www.electricitydeliveryforum.org.

Summer Energy Outlook Conference and Energy Data Workshop This workshop is expected to take place in conjunction with the Summer Energy Outlook Conference, tentatively scheduled for April, 2010 in Denver, Colorado. A confirmed date and specific details will be published in the coming months. The workshop will be useful in helping grant participants in the design and development of an energy supply disruption tracking tool.

Guidance from NASEO

The National Association of State Energy Officials (NASEO) has a list of 10 helpful guidelines for States and cities rewriting their energy assurance plans. The *ARRA EAP* will be highlighting two of these guidelines in each of the next five issues. For more information contact Jeff Pillon at jpillon@naseo.org

Know the State's Energy Profile

Useful energy emergency planning begins with knowledge of the various energy sources used within a State. At least one agency employee should understand the sources, volume, and import routing of these fuels. Once the State's energy profile is identified, it becomes possible to gauge the most vulnerable consumption sectors as well as the probable impacts of inclement weather, pipeline or power outages, etc.

Effective planners will:

- Understand the State and local energy market(s)
- Know the relationship of local markets to regional and National markets
- Stay current with EIA State Energy Data pertaining to the State
- Know how much energy the State consumes on a monthly basis. *Note: most data is published monthly and can be divided by the number of days in the month for daily averages*
- Cover all of the energy and fuel types: electricity, natural gas, motor gasoline, aviation fuels, propane, heavy industrial fuels, distillates, and renewables

Know the Key Government and Industry Contacts

Energy emergency preparedness is highly dependent on knowledge of who is responsible for what and how to locate them. Many, if not most, energy shortage situations can be resolved with a telephone call or direct communication with a key industry or State stakeholder. Furthermore, knowledge of the State's demographics is critical to understanding the impacts of shortages. Effective planners should:

- Understand the relationship of population centers to rural areas
- Know the geography and demographics of the energy infrastructure
- Know key persons in the State's key energy supply sectors (i.e. petroleum, natural gas, electricity, coal and other)
- Know key players in the various energy consuming sectors (i.e. associations or other residential, commercial, or industrial groups)
- Know the key emergency and/or energy-related personnel in other agencies of State government (including the Governor's Office and State emergency management agency) and major local governments
- Know key personnel in the DOE regional office and neighboring State energy offices
- Understand the role of the public utility commission in safeguarding electric and natural gas operations and energy pricing. Have a current emergency personnel contact list for all utilities, public, private, large and small. Have a current e-mail distribution list of the EEAC contacts and secondary contacts in surrounding States