

OE Hosts National Energy Assurance Conference

OE and the National Association of State Energy Officials (NASEO) hosted the 2012 National Energy Assurance Conference on June 28-29 at the Gaylord National Hotel in National Harbor, MD.

The conference culminated the DOE/OE's ongoing American Recovery and Reinvestment Act (ARRA) grant program in support of State and Local Energy Assurance Planning efforts. The event was coordinated by OE Senior Technical Advisor Alice Lippert who also managed the grant program for the Department. Over 250 officials from Federal, State, and local governments, the energy industry, private sector partners, trade associations, and non-profit organizations were in attendance. Participants shared experiences and obtained insight from experts on how to sustain and improve future energy assurance planning efforts and participated in a national-level tabletop exercise. Through a State and Local Energy Assurance Showcase, grant recipients could also highlight their energy assurance planning initiatives with videos, poster sessions and demonstrations of the programs, practices, and IT solutions they developed to advance energy assurance planning.



Assistant Secretary Patricia Hoffman

David Terry, Executive Director for NASEO, and Patricia Hoffman, Assistant Secretary for OE, opened the conference. The Assistant Secretary stressed the importance of State and local governments and the private sector working in partnership with OE and the federal government to prepare for our nation's future energy security needs and she emphasized the importance of modernizing the power grid and building energy assurance capabilities. Michael Daniel, Special Assistant to the President and Cybersecurity Coordinator, mentioned the recently completed Electricity Subsector Cybersecurity Capability Maturity Model and its ability to serve as a standard for public-private approaches to addressing grid security. Richard Reed, American Red Cross Vice President of Preparedness and Resilience Strategy, gave real-world examples of the importance of emergency preparedness during his keynote luncheon address.

On the second day, OE Deputy Assistant Secretary Hank Kenchington presented remarks on the importance of sustaining programs such as energy assurance planning. The conference concluded with a facilitated discussion on actions the State and local governments can take to achieve the goal of sustaining and improving their energy assurance plans and emergency response capabilities as well as a review of the recommendations for the path forward.

DOE Supports 2012 NATO Summit

On May 18-21 DOE staff provided critical support for the 2012 NATO Summit in Chicago, IL. The Summit, which was attended by President Obama, was designated as a National Special Security Event (NSSE). Events of national significance are designated by the Department of Homeland Security (DHS) as NSSEs and the United States Secret Service (USSS) serves as the lead federal agency for planning, coordinating, and implementing security operations for such events.

Before the Summit, in Chicago DOE staff conducted final assessments of the infrastructure supporting the event and then coordinated their evaluations with the USSS and the venue's electric utility provider. DOE deployed to the Multi-agency Coordination Center (MACC) during the Summit to support 24-hour operations and worked closely with the USSS, DHS's Protective Security Advisors (PSAs), staff from DOE's National Nuclear Security Administration (NNSA), relevant electric utilities, and other key players.

Deputy Assistant Secretary
ISER



William N. Bryan

Director
Infrastructure Reliability
ISER



Stewart Cedres



DOE Co-sponsors the Third Electric Infrastructure Security Summit

The 3rd annual Electric Infrastructure Security Summit (EISS) was held in the U.K. Parliament in London on May 14-15, 2012. The two-day summit, which was co-sponsored by the U.S. Department of Energy, is designed to foster information sharing and enhance international collaboration and cooperation. The event brought together senior government representatives, ambassadors, legislators, scientists and energy sector executives from Europe, the United States, Asia and other regions. Delegates discussed the implications of Electromagnetic Pulse (EMP) and Severe Space Weather and the related cyber and physical concerns pertaining to defense and national security.

OE/ISER Deputy Assistant Secretary William Bryan participated in a panel and discussed DOE activities that address geomagnetic disturbances and outlined the importance of public-private partnership and information-sharing to manage space weather-related challenges.

DOE Releases Electricity Cybersecurity Risk Management Process and Capability Maturity Model

On May 23, 2012 the Department of Energy announced the release of the Electricity Subsector Cybersecurity Risk Management Process (RMP) Guideline. Developed by DOE's Office of Electricity Delivery and Energy Reliability (OE), in collaboration with the National Institute of Standards and Technology (NIST) and the North American Electric Reliability Corporation (NERC), the guidance is intended to help utilities better understand their cybersecurity risks, assess severity, and allocate resources more efficiently in order to manage those risks.

The RMP Guideline provides a flexible approach to managing cybersecurity risks across all levels of the organization and was developed by a public-private sector team that was led by OE and included representatives from across the industry. The RMP is written with the goal of enabling organizations—regardless of their size or organizational or governance structure—to apply effective and efficient risk management processes and tailor them to meet their organizational requirements. It may be used to implement a new cybersecurity program within an organization or to build upon an organization's existing internal cybersecurity policies, standard guidelines, and procedures.

PPD-8 UPDATE

The National-level Frameworks, the fourth deliverable of *Presidential Policy Directive 8: National Preparedness (PPD-8)*, were delivered to the President in late June.

The National Frameworks address the roles and responsibilities of the whole community necessary to deliver the Core Capabilities described in the *National Preparedness Goal* and span five distinct mission areas: Prevention, Protection, Mitigation, Response, and Recovery. OE is the Department's lead for four of the five National Frameworks.

See <http://www.fema.gov/prepared/ppd8.shtm> for further information.

In addition, on May 31, 2012, OE announced the release of the Electricity Subsector Cybersecurity Capability Maturity Model (ES-C2M2). It was developed in support of a White House initiative led by DOE, and in partnership with the Department of Homeland Security (DHS) and in collaboration with industry, the private sector, and public-sector experts.

The maturity model can be used throughout the electric sector to better protect the Nation's grid from cybersecurity threats. It was developed to apply to all electric utilities, regardless of ownership structure, size, or function, and its broad use is expected to support benchmarking for the subsector's cybersecurity capabilities. ES-C2M2 was developed collaboratively with an industry advisory group through a series of working sessions and revised based upon feedback from industry experts and pilot evaluations. The advisory group for the initiative included representatives from industry associations, utilities, and government. More than 40 subject matter experts (SMEs) from industry participated in development of the model as well.

The RMP and ES-C2M2 both align with the Roadmap to Achieve Energy Delivery Systems Cybersecurity, which was released in September 2011 by DOE and outlines a strategic framework over the next decade to design, install, operate, and maintain a resilient energy delivery system capable of surviving cyber incidents while sustaining critical functions

Please visit <http://energy.gov/oe/downloads/cybersecurity-risk-management-process-rmp-guideline-final-may-2012> to learn more about the RMP, or the ES-C2M2 at <http://energy.gov/sites/prod/files/Electricity%20Subsector%20Cybersecurity%20Capabilities%20Maturity%20Model%20%28ES-C2M2%29%20-%20May%202012.pdf>.