

Energy Security and Data Analysis Workshop

Hilton Washington DC National Mall
480 L'Enfant Plaza SW, Washington, DC 20024

Final Agenda

Monday, December 2, 2019		
12:45 pm – 1:30 pm	<p>Working Lunch <i>The working lunch will include brief reports from NASEO and NARUC staff on FY'20 program priorities.</i></p> <p><u>Presenters:</u></p> <ul style="list-style-type: none"> ▪ Kirsten Verclas, Program Director, National Association of State Energy Officials (NASEO) ▪ Lynn Constanti, Deputy Director, Center for Partnerships and Innovation, National Association of Regulatory Utility Commissioners (NARUC) 	Gallery II Ballroom 2 nd Floor
1:30 pm – 2:00 pm	<p>Welcome and Introductions</p> <p><u>Moderator:</u></p> <ul style="list-style-type: none"> ▪ Megan Levy, Local Energy Programs Manager, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Energy Security Committee <p><u>Presenters:</u></p> <ul style="list-style-type: none"> ▪ David Terry, Executive Director, NASEO ▪ David Alexander, Legal Counsel, Office of Chairman Gladys Brown Dutrieuille, Pennsylvania Public Utility Commission; Chair, NARUC Staff Subcommittee on Critical Infrastructure ▪ Kate Marks, Director, Preparedness and Exercises, Infrastructure Security and Energy Restoration Division, Office of Cybersecurity, Energy Security, and Emergency Response, U.S. Department of Energy (U.S. DOE) 	Gallery III-IV Ballroom 2 nd Floor

2:00 pm – 2:30 pm	<p>Qualitative and Quantitative Foundations of Energy Emergency Management</p> <p><i>The session will highlight the importance of knowing how to gather and interpret data before, during, and after energy emergencies.</i></p> <p><u>Moderator:</u></p> <ul style="list-style-type: none"> ▪ Megan Levy, Local Energy Programs Manager, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Energy Security Committee <p><u>Presenter:</u></p> <ul style="list-style-type: none"> ▪ Jeff Pillon, Director of Energy Assurance, NASEO 	Gallery III-IV Ballroom 2 nd Floor
2:30 pm – 3:30 pm	<p>Communicating Energy Data Analysis for Informed Decision-Making</p> <p><i>This session will discuss the data information elements that decisionmakers and legislators need to determine policy priorities.</i></p> <p><u>Moderator:</u></p> <ul style="list-style-type: none"> ▪ Ben Bolton, Energy Programs Administrator, Office of Energy Programs, Tennessee Department of Environment and Conservation; Co-Chair, NASEO Energy Security Committee <p><u>Presenters:</u></p> <ul style="list-style-type: none"> ▪ Kate Marks, Director, Preparedness and Exercises, Infrastructure Security and Energy Restoration Division, Office of Cybersecurity, Energy Security, and Emergency Response, U.S. DOE ▪ Dr. Karen Wayland, Principal and Chief Executive Officer, kW Strategies (<i>invited</i>) 	Gallery III-IV Ballroom 2 nd Floor
3:30 pm – 3:45 pm	Networking Break	Gallery Ballroom Foyer 2 nd Floor
3:45 pm – 5:15 pm	<p>Energy Assurance and Resilience: A Cross-Functional View</p> <p><i>This panel will discuss the challenges in identifying the societal value of energy security and resilience; work underway to create meaningful metrics; and, the regulators' role in security investment decisions.</i></p>	Gallery III-IV Ballroom 2 nd Floor

	<p><u>Moderator:</u></p> <ul style="list-style-type: none"> ▪ David Alexander, Legal Counsel, Office of Chairman Gladys Brown Dutrieuille, Pennsylvania Public Utility Commission; Chair, NARUC Staff Subcommittee on Critical Infrastructure <p><u>Presenters:</u></p> <ul style="list-style-type: none"> ▪ Jonathon Monken, Senior Director, Resiliency and Strategic Coordination, PJM Interconnection ▪ Michael Wu, Principal, Converge Strategies ▪ Mark James, Assistant Professors and Senior Research Fellow, Institute for Energy and the Environment, Vermont Law School 	
5:15 pm – 5:30 pm	<p>Day One Wrap-Up</p> <p><u>Presenter:</u></p> <ul style="list-style-type: none"> ▪ Jeff Pillon, Director of Energy Assurance, NASEO 	<p>Gallery III-IV Ballroom 2nd Floor</p>

Tuesday, December 3, 2019

7:30 am – 8:00 am	Continental Breakfast	Gallery II Ballroom 2 nd Floor
8:00 am – 10:00 am	<p>Federal Resources to Support States' Energy Data and Risk Analysis <i>This session will provide a functional overview of federal open-source tools to support state energy data analysis, risk assessment, and consequence assessment of energy supply disruptions.</i></p> <p><u>Moderator:</u></p> <ul style="list-style-type: none"> ▪ Megan Levy, Local Energy Programs Manager, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Energy Security Committee <p><u>Presenters:</u></p> <ul style="list-style-type: none"> ▪ Stacy Angel, Analyst, Office of Energy Statistics, U.S. Energy Information Administration ▪ Matt Tarduogno, Program Manager for Situational Awareness, Infrastructure Security and Energy Restoration Division, Office of Cybersecurity, Energy Security, and Emergency Response, U.S. DOE ▪ Justin Covington, Federal Engagement Lead and HSIN-CI Senior Project Manager, Information Sharing and Outreach Section, Cybersecurity and Infrastructure Security Agency, U.S. Department of Homeland Security (U.S. DHS) ▪ Nathan DiPillo, Critical Infrastructure Specialist, Region IX, Cybersecurity and Infrastructure Security Agency, U.S. DHS 	Gallery III-IV Ballroom 2 nd Floor
10:00 am – 10:15 am	Networking Break	Gallery Ballroom Foyer 2 nd Floor
10:15 am – 10:45 am	<p>DOE CESER/HAMMER ESF-12 Training Demonstration and Discussion <i>This demonstration discussion will feature a walk-through of a beta version of the DOE CESER/HAMMER training module for states.</i></p> <p><u>Moderator:</u></p> <ul style="list-style-type: none"> ▪ Megan Levy, Local Energy Programs Manager, Office of Energy Innovation, Wisconsin Public Service 	Gallery III-IV Ballroom 2 nd Floor

	<p>Commission; Co-Chair, NASEO Energy Security Committee</p> <p><i>Presenters:</i></p> <ul style="list-style-type: none"> ▪ Brandi Martin, Program Manager, Infrastructure Security and Energy Restoration Division, Office of Cybersecurity, Energy Security, and Emergency Response, U.S. DOE ▪ Nicole Zawadzki, Volpentest Hazardous Materials Management and Emergency Response Federal Training Center, U.S. DOE 	
10:45 am – 12:15 pm	<p>Transforming Raw Data into Actionable Data <i>This session guide participants through examples of manual calculations used to determine fuel and gas disruptions impacts, days of supply, market data interpretations, and other quantitative triggers requiring manual calculation.</i></p> <p><i>Moderator:</i></p> <ul style="list-style-type: none"> ▪ Megan Levy, Local Energy Programs Manager, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Energy Security Committee <p><i>Presenter:</i></p> <ul style="list-style-type: none"> ▪ Jeff Pillon, Director of Energy Assurance, NASEO 	Gallery III-IV Ballroom 2 nd Floor
12:15 pm – 1:15 pm	<p>Lunch Presentation: State-Led Training and Exercise Best Practices <i>This session will provide a participants with useful guidance and lessons learned on hosting in-state energy emergency training and exercises.</i></p> <p><i>Moderator:</i></p> <ul style="list-style-type: none"> ▪ Megan Levy, Local Energy Programs Manager, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Energy Security Committee <p><i>Presenter:</i></p> <ul style="list-style-type: none"> ▪ Ben Bolton, Energy Programs Administrator, Office of Energy Programs, Tennessee Department of Environment and Conservation; Co-Chair, NASEO Energy Security Committee 	Gallery II Ballroom 2 nd Floor

<p>1:15 pm – 3:15 pm</p>	<p>State Data Use Best Practices <i>This panel session will feature State Energy Offices and Public Utility Commissions which have displayed excellence in energy emergency data analysis, visualization, and communication.</i></p> <p><u>Moderator:</u></p> <ul style="list-style-type: none"> ▪ Ben Bolton, Energy Programs Administrator, Office of Energy Programs, Tennessee Department of Environment and Conservation; Co-Chair, NASEO Energy Security Committee <p><u>Presenters:</u></p> <ul style="list-style-type: none"> ▪ Kenya Stump, Assistant Director, Office of Energy Policy, Kentucky Energy and Environment Cabinet ▪ Edward O'Brian, Technology Assessment Division/State Energy Office, Louisiana Department of Natural Resources ▪ Christopher Yunker, Energy Systems and Planning Program Manager; Hawaii State Energy Office; Hawaii Department of Business, Economic Development, and Tourism; Co-Chair, NASEO Fuels and Grid Integration Committee ▪ Megan Levy, Local Energy Programs Manager, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Energy Security Committee 	<p>Gallery III-IV Ballroom 2nd Floor</p>
<p>3:15 pm – 3:30 pm</p>	<p>Networking Break</p>	<p>Gallery Ballroom Foyer 2nd Floor</p>
<p>3:30 pm – 4:15 pm</p>	<p>Protecting Critical Infrastructure Information in Energy Emergencies <i>This session will explore the legal complexities of protecting critical information shared during energy emergencies and highlight practical solutions which ensure public-private trust, cooperation, and coordination.</i></p> <p><u>Moderator:</u></p> <ul style="list-style-type: none"> ▪ Ben Bolton, Energy Programs Administrator, Office of Energy Programs, Tennessee Department of Environment and Conservation; Co-Chair, NASEO Energy Security Committee 	<p>Gallery III-IV Ballroom 2nd Floor</p>

	<p><u>Presenters:</u></p> <ul style="list-style-type: none"> ▪ Kristy Hartman, Energy Program Director, National Conference of State Legislatures ▪ Representative, U.S. DHS <i>(invited)</i> 	
4:15 pm – 4:30 pm	<p>Workshop Wrap-Up and Adjourn</p> <p><u>Moderator:</u></p> <ul style="list-style-type: none"> ▪ Ben Bolton, Energy Programs Administrator, Office of Energy Programs, Tennessee Department of Environment and Conservation; Co-Chair, NASEO Energy Security Committee <p><u>Presenters:</u></p> <ul style="list-style-type: none"> ▪ David Terry, Executive Director, NASEO ▪ David Alexander, Legal Counsel, Office of Chairman Gladys Brown Dutrieuille, Pennsylvania Public Utility Commission; Chair, NARUC Staff Subcommittee on Critical Infrastructure ▪ Brandi Martin, Program Manager, Infrastructure Security and Energy Restoration Division, Office of Cybersecurity, Energy Security, and Emergency Response, U.S. DOE 	Gallery III-IV Ballroom 2 nd Floor