

# Grid Modernization Initiative Central Region Workshop

**March 2, 2016**

<b>8:30</b>	<b>Registration &amp; Continental Breakfast</b>	
<b>9:00</b>	<b>Welcome &amp; Introductions</b> <b>Grid Modernization Initiative (GMI) Overview</b> <i>Overview of Grid Modernization Initiative: vision, technical areas, and federal role</i> <ul style="list-style-type: none"> <li>• Bill Parks, Office of Electricity Delivery &amp; Energy Reliability</li> <li>• Kevin Lynn, Office of Energy Efficiency &amp; Renewable Energy</li> </ul>	
<b>9:30</b>	<b>Technology Sessions</b> Each session will have a 10-minute presentation followed by a stakeholder discussion. <i>Discussion Questions:</i> <ul style="list-style-type: none"> <li>• Does the plan address the challenges facing industry?</li> <li>• Are there research needs not covered or an overemphasis in any area?</li> <li>• Are the activities outlined realistic or overly ambitious?</li> </ul>	
<b>9:30</b>	<b>Session 1: Devices &amp; Integrated Systems</b> Main Room #106 Presenter: Ben Kroposki, NREL Facilitator: Bryan Hannegan, NREL	<b>Session 2: Sensing &amp; Measurement</b> Room #101 Presenter: Tom King, ORNL Facilitator: Carl Imhoff, PNNL
<b>10:30</b>	<b>Break</b>	
<b>11:00</b>	<b>Session 3: Security &amp; Resilience</b> Main Room #106 Presenter: Juan Torres, Sandia Facilitator: Bryan Hannegan, NREL	<b>Session 4: System Operations &amp; Control</b> Room #101 Presenter: Liang Min, LLNL Facilitator: Carl Imhoff, PNNL
<b>12:00</b>	<b>Lunch</b>	
<b>12:45</b>	<b>Session 5: Design &amp; Planning Tools</b> Main Room #106 Presenter: Charles Hanley, Sandia Facilitator: Bryan Hannegan, NREL	<b>Session 6: Institutional Support</b> Room #101 Presenter: Lori Bird, NREL Facilitator: Carl Imhoff, PNNL <i>Discussion Questions:</i> <ul style="list-style-type: none"> <li>• What information or tools are needed to better allow policy makers to understand the technology impacts of policy decisions?</li> <li>• How could DOE better provide the information needed for the evaluation of technology investments to support policy goals?</li> <li>• What methods would be most effective for providing support policy makers request?</li> </ul>
<b>1:45</b>	<b>Break</b>	



## March 2, 2016 (cont.)

<b>2:15</b>	<b>Regional Sessions</b> Each session will discuss the technology challenges associated with implementing grid modernization policies. <i>Discussion Questions:</i> <ul style="list-style-type: none"> <li>• <i>What technology challenges have arisen or are anticipated?</i></li> <li>• <i>Are there impediments to policy implementation?</i></li> <li>• <i>How can these challenges be overcome cost-effectively?</i></li> </ul>	
<b>2:30</b>	<b>Session 1A: Pursuing Resiliency in Today's Modern Grid</b> Main Room #106 Facilitator: Ron Binz, Public Policy Consulting	<b>Session 1B: Pursuing Resiliency in Today's Modern Grid</b> Room #101 Facilitator: Ward Camp, Edison Energy LLC
<b>3:45</b>	<b>Session 2A: Sustainability Goals &amp; the Four Rs</b> Main Room #106 Facilitator: Ron Binz, Public Policy Consulting	<b>Session 2B: Sustainability Goals &amp; the Four Rs</b> Room #101 Facilitator: Ward Camp, Edison Energy LLC
<b>5:00</b>	<b>Closing Remarks and Adjourn</b>	
<b>6:00</b>	<b>Networking and Social Event, Antone's: Austin's Home of the Blues, 305 E. Fifth Street</b>	

## March 3, 2016

<b>8:30</b>	<b>Continental Breakfast</b>	
<b>9:00</b>	<b>Welcome — Overview of Previous Day's Activities</b>	
<b>9:15</b>	<b>Regional Sessions – (cont.)</b> Each session will discuss the technology challenges associated with implementing grid modernization policies. <i>Discussion Questions:</i> <ul style="list-style-type: none"> <li>• <i>What technology challenges have arisen or are anticipated in connection with implementing a given policy?</i></li> <li>• <i>Are there impediments to policy implementation?</i></li> <li>• <i>How can these challenges be overcome cost-effectively?</i></li> </ul>	
<b>9:15</b>	<b>Session 3A: Customers &amp; the Modern Grid</b> Main Room #106 Facilitator: Ron Binz, Public Policy Consulting	<b>Session 3B: Customers &amp; the Modern Grid</b> Room #101 Facilitator: Ward Camp, Edison Energy LLC
<b>10:45</b>	<b>Regional Partnerships and Demonstrations</b> Facilitated discussion about possible DOE demonstration projects. Facilitator: Ward Camp, Edison Energy LLC	
<b>11:30</b>	<b>The Modern Grid and its Challenges</b> Industry perspectives on the current and future challenges with grid modernization. Moderator: Alison Silverstein Panelists: <ul style="list-style-type: none"> <li>• Representative Tom Sloan, Kansas</li> <li>• Cheryl Mele, Senior Vice President and Chief Operating Officer, ERCOT</li> <li>• Dan Smith, Vice President Electric Service Delivery, Austin Energy</li> </ul>	
<b>12:30</b>	<b>Closing Remarks and Next Steps</b>	
<b>12:30</b>	<b>Adjourn</b>	