



NextGrid Illinois

Agenda

- 8:30 – 9:10 am** **Registration and Networking**
- 9:10– 9:20 am** **Thinking into the Future: Why NextGrid?**
- Brien J. Sheahan, Chairman and CEO, Illinois Commerce Commission
- 9:20 – 9:40 am** **Understanding the Future: Introduction to Lead Facilitator & NextGrid Roadmap**
- Peter Sauer, Grainger Chair Professor, Electrical and Computer Engineering Department, University of Illinois at Urbana-Champaign
 - George Gross, Professor of Electrical and Computer Engineering, University of Illinois at Urbana-Champaign
- 9:40 – 10:00 am** **The Utility of the Future: The CEO Perspective**
- Richard Mark, Chairman and President, Ameren Illinois Company
 - Anne R. Pramaggiore, President and CEO, Commonwealth Edison Company
- 10:00 – 10:10 am** **BREAK**
- 10:10 – 11:10 am** **A Glimpse into the Future: Emerging Trends and Technologies on the Grid**
- This panel will explore current and emerging trends in distributed energy resources (DERs). Panelists will discuss wind, solar, and storage, while also touching on energy efficiency and demand response. The panelists will also look to startup companies that are paving the way for DER integration and emerging, cutting edge technologies. This panel will also discuss the technologies customers are currently demanding, focusing on what is possible now, and what will be possible in the future.
- Moderator:** Sadzi M. Oliva, Acting Commissioner, Illinois Commerce Commission
- Panelists:**
- James Newcomb, Managing Director, Rocky Mountain Institute
 - Kyle H. Seymour, President & CEO, S&C Electric
 - Erik Birkerts, CEO, Clean Energy Trust
 - Eduardo Balbis, Managing Director, Utilities, Accenture



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11:10 – 11:20 am BREAK

11:20 am – 12:20 pm *The Consumer of the Future: Empowering Communities*

This panel will focus on the consumer and community perspective, honing in on the concerns and desires of customers who will be utilizing the “Next Grid.” The panelists will discuss the potential benefits of the future grid including increases in customer satisfaction, control, and convenience, as well as environmental benefits. The speakers will also address concerns associated with the future grid, including cost and accessibility.

Moderator: Dave Kolata, Executive Director, Citizens Utility Board

Panelists:

- Robert Kelter, Senior Attorney, Environmental Law and Policy Center
- Marty Cohen, Principal, Martin Roth Cohen & Associates
- Susan L. Satter, Public Utilities Policy Counsel, Illinois Attorney General
- Philip R. O’Connor, President, PROactive Strategies

12:20 – 1:20 pm LUNCH (on your own)

1:20 – 1:50 pm Keynote

- Robert F. Powelson, Commissioner, Federal Energy Regulatory Commission

1:50 – 2:00 pm BREAK

2:00 – 3:00 pm *Preparing for the Future: Challenges and Opportunities of Modernizing the Grid*

This panel will explore the disruptive transformation taking place in the energy industry. As the grid becomes more interconnected, decentralized, and customer-centered, there is a need for sensorization, automation, data analytics, robust cyber and physical security, and the two-way flow of information between the customers, utilities, and other entities. Fragmentation increases costs, limits customer choice, and creates vulnerabilities. This panel will discuss the appropriate rules and policies for governing integration of new technologies within the state/federal jurisdictional framework that are necessary to make regulators, customers, and the grid ready for the changes of the future.



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Moderator: John R. Rosales, Commissioner, Illinois Commerce Commission

Panelists:

- Jeffrey Taft, Chief Architect for Electric Grid Transformation, Pacific Northwest National Laboratory
- Lynne Kiesling, Visiting Associate Professor in Economics, Purdue University, Associate Director of the Purdue University Research Center in Economics
- Susan Tierney, Senior Advisor, Analysis Group, and Former Assistant Secretary for Policy, U.S. Department of Energy
- Tim Yardley, Associate Director for Technology at the Information Trust Institute, University of Illinois at Urbana-Champaign

3:00 – 3:10 pm

BREAK

3:10 – 3:30 pm

Launching into the Future: Closing