



**Quadrennial Energy Review
Second Installment
Electricity: Generation to End Use
Stakeholder Meeting #1
February 4, 2016
Washington, DC**

**U.S. Capitol Visitors Center, 1st & East Capitol Streets, N.E.
Congressional Auditorium**

- 8:30 AM **Doors Open**
- 9:30 – 10:30 AM **Opening Remarks by Secretary Ernest Moniz, Dr. John Holdren,
Dan Utech, and Rep. Earl Blumenauer (D-OR)**
- 10:30 AM – Noon **Panel 1
Bulk Power Generation and Transmission: How Can We Plan,
Build, and Operate the Appropriate Amount for Future Needs?**

The first panel will speak to the many responsibilities and challenges involved in maintenance and operation of the bulk power system for generation and transmission. Topics to be explored include the system's role in reliability, including how to maintain reliability with an evolving resource mix; cyber- and physical security; the structure of centrally organized and bilateral wholesale electricity markets; the planning, financing, cost-allocation and state & federal siting processes needed to build new generation and transmission; resource diversity; policies affecting how much, if, and when to build, including reducing greenhouse gas emissions and other environmental impacts; multiple jurisdictions and overlapping regulations; changing load growth patterns; innovation and new technologies; and increasing interdependencies.

- Gerry Cauley, President & CEO, North American Electric Reliability Corp.
- Tom Kuhn, President, Edison Electric Institute
- John Shelk, President & CEO, Electric Power Supply Association
- Sue Kelly, President & CEO, American Public Power Association
- Jay Morrison, Vice President Regulatory Issues, National Rural Electric Cooperative Association

Noon – 1:30 PM

Panel 2

Electricity Distribution and End-Use: How Do We Manage Challenges and Opportunities?

The second panel will consider the implications of a broad array of existing and emerging technologies, as well as new uses on the distribution grid and grid-edge, which together provide both technical and policy challenges and opportunities to the delivery of energy services to customers. Some of these factors affecting the developing distribution grid include: energy efficiency; demand response; distributed generation; digital communications, sensors and control systems; “smart” meters; greater customer engagement and new market entrants; storage; microgrids; and electric vehicles. Policy goals like pollution reduction and electric retail choice programs allowing end-use customers to buy electricity from competitive retail suppliers may also affect the development of the distribution grid. The panel will discuss emerging trends in the planning, operations, reliability, resiliency, and economics of the distribution grid. These new sets of circumstances raise important questions on infrastructure financing and development, affordability, rate design, appropriate valuation, as well as numerous jurisdictional and regulatory issues.

- Steve Nadel, Executive Director, American Council for an Energy Efficient Economy
- Tom Kimbis, General Counsel & Vice President of Executive Affairs, Solar Energy Industries Association
- Lisa Wood, Executive Director, Institute for Electric Innovation
- David Springe, Executive Director, National Association of State Utility Consumer Advocates
- Comm. Robert Powelson, PA Public Utility Commission and First Vice President, National Association of Regulatory Utility Commissioners

1:30 pm

Public Comment Period (“Open Mic”)

Each member of the audience who chooses to speak will be permitted five minutes to speak and offer written materials for inclusion in the QER record. Participants will be asked to sign up to speak when they check in.