

**APEC Workshop on
Regulatory Approaches to Smart Grid Investment/Deployment
May 16-17, 2012
Quebec City, Canada
Quebec City Convention Centre ** Room 301AB
Agenda
As of April 30, 2012**

The scope of the workshop is regulatory considerations for Smart Grid investments and deployments including standardization.

Wednesday, May 16, 2012

1:00pm - 2:00pm Registration

2:00pm - 2:10pm **Welcome and Introduction**
*Dr. George Arnold, National Coordinator for Smart Grid Interoperability,
National Institute of Standards and Technology, United States
(Confirmed)*

APEC Overview
Jennifer Stradtman, USTR, United States (Confirmed)

2:10pm-2:40pm **Goals of the Workshop**
*Paul Centolella, Commissioner, Public Utilities of Ohio, United States
(Confirmed)*

This session will provide an overview of the rationale for the workshop including goals and objectives. The workshop will focus on key issues for regulators in Smart Grid investments and deployments such as interoperability, international standardization, cybersecurity, and data privacy. The outcome of this workshop is to improve awareness among regulators about current international coordination efforts and the benefits of harmonization. A broader objective of the workshop is to improve communication between regulators and the standardization community.

2:40pm – 3:00pm **Keynote Address**
Lise Duquette, Chair, Canada's Energy and Utility Regulators (CAMPUT)
(Confirmed)

3:00pm – 4:30pm **Panel Session 1: Interoperability Standards and the Role of Energy Regulators**
This session will explore the benefits of interoperability standards such as reducing costs and opening up for more vendors and the role of energy regulators' role in achieving these objectives. It will also include a discussion on what regulators should expect from utilities' Smart Grid implementation and deployment plans.

Moderator: Colette Honorable, Chairman, Arkansas Public Service Commission (Confirmed)

John Caskey, Vice-Chair, Smart Grid Interoperability Panel, Vice President, NEMA, United States (Confirmed)

Sunny Rai, Regional Vice President, Renewables & Smart Grid, Intertek (Confirmed)

John O'Neill, CSA Group, Canada (Confirmed)

4:30pm – 4:45pm Coffee Break

4:45pm –6:00pm **Panel Session 2: International Standards Development**
This session will examine the value proposition of international standards development. It will include a discussion of the value on standards and the benefits of international harmonization. In addition, the session will explore the topics on why and how regulators could participate in standards development and how they could make their needs known to standards developer. Further, it will have a discussion on how regulators can find out about available standards and standards development activities currently underway so they are better informed about available Smart Grid standards.

Moderator: George Arnold, National Coordinator for Smart Grid Interoperability, National Institute of Standards and Technology, United States (Confirmed)

Koichi Noda, Director, Technical Regulation, Standards, and Conformity Assessment Policy Division, METI (Confirmed)

Jacques Regis, Past President, International Electrotechnical Commission (Confirmed)

W. Charlton Adams, Jr. (Chuck), Past President - IEEE Standards Association (Confirmed)

6:30p.m. Evening Reception

Thursday, May 17, 2012

9:00am – 9:10am **Review of Day 1 Discussions**

9:10am – 9:40am **Keynote 2: David Wright, President, National Association of Regulatory Utility Commissioners (Confirmed)**

9:40am – 11:00am **Panel Session 3: Lessons Learned from Smart Grid Projects**
This session will look at the approaches and outcomes from some of the Smart Grid projects in different economies that are underway or completed. These case studies can provide great insights on what regulators can take away from these implementations and deployments. In addition, it would be useful for regulators to learn about the challenges in applying and using standards to support Smart Grid deployments and how these challenges can be or have been successfully overcome.

Moderator: Joseph Paladino, Senior Advisor, Office of Electricity Delivery and Energy, U.S. Department of Energy, United States (Confirmed)

Mr. Sungbong CHANG, Director, Smart Green Business Office, R&D Lab, Korea Telecom (KT), Korea (Confirmed)

Speaker 3: Mr. Peter Fraser, Managing Director, Regulatory Policy, Ontario Energy Board, Canada (Confirmed)

11:00am – 11:15am Coffee Break

11:15am – 12:30pm **Panel Session 4: Cybersecurity**
This session will examine issues related to securing the grid. Discussion topics include the evolving threat landscape and best practices for risk mitigation in the electric sector.

Ken Modeste, Security and Global Communications, Underwriters Laboratories, United States (Confirmed)

Rodney Howes, Portfolio Manager and CoP leader e-Security, Centre for Security Science, Research and Development, Canada (Confirmed)

- 12:30pm – 2:00pm **Lunch with Keynote Address**
Professor Ja-Yoon KOO, Chair, Korea Electricity Commission (Confirmed)
Luncheon sponsored by Underwriters Laboratories
- 2:00pm – 3:30pm **Panel Session 5: Consumer Data Access and Privacy**
This session will discuss privacy related to consumer access to energy usage data. Discussion topics include third party data access and who may have the rights to the data. It will also showcase an example of an initiative, the Green Button (NAESB) implementation in the U.S.A., which provides consumer access to usage data.
- Moderator: Janine Migden-Ostrander (Confirmed)*
- David Wollman, National Institute of Standards and Technology, United States (Confirmed)*
- Tendril representative to speak on Green Button implementation (To be confirmed)*
- Janine Migden-Ostrander (Confirmed)*
- 3:30pm – 3:45pm Coffee Break
- 3:45pm – 4:45pm **Panel Session 6: Economies' Vision for the 21st Century Grid**
This session will explore how economies are upgrading and building the electric infrastructure to support the 21st century grid. This would provide useful insights on how different countries are approaching grid modernization including their frameworks and architectural approaches.
- Moderator: Paul Centolella, Commissioner, Public Utilities of Ohio, United States (Confirmed)*
- Ms. Mylene C. Capongcol, Director IV, Electric Power Industry Management Bureau, Department of Energy, Philippines (Confirmed)*
- Mr. Tatsuya SHINKAWA, chief representative, New Energy and Industrial Technology Development Organization (NEDO) (Confirmed)*
- Mr. Juan Carlos Martina, Professional, Security Division and Electricity Market, Ministry of Energy, Chile (Confirmed)*
- 4:45pm – 5:15pm **Summary of Conference Outcomes and Adjourn**