

## AGENDA

### Monday, July 9, 2018

8:00 am **REGISTRATION**

9:00 am **OPENING PLENARY SESSION**

- **Welcome and Overview of Smart Grid Interoperability Framework 4.0** ~Avi Gopstein, NIST
- **Workshop Overview** ~ Cuong Nguyen, NIST

9:15 am **KEYNOTE**

- **Jason Handley**, Duke Energy

9:45 am **PANEL SESSION: VALUE PROPOSITION FOR TESTING & CERTIFICATION (T&C)**

**Moderator:** Bill Colavecchio, Underwriters Laboratory

- **Interoperability Profiles for Building Automation:** Ron Bernstein, RBCG Consulting
- **Test Program Development:** Ravi Subramaniam, IEEE Conformity Assessment Program
- **Asset Deployment:** Alvin Razon, National Rural Electric Cooperative Association
- **Manufacturer:** Howard Self, ABB

10:45 am **BREAK**

11:00 am **BREAKOUT SESSION 1: CHALLENGES FOR INTEROPERABILITY T&C**

- **Overview of Interoperability Standards Landscape and T&C** ~ Cuong Nguyen, NIST
- **Facilitated Discussion:** Why isn't T&C currently working for interoperability at the needed levels? Why aren't T&C components integrated in more interoperability standards?

12:15 am **LUNCH (ON YOUR OWN)**

1:30 pm **BREAKOUT SESSION 2: INTEROPERABILITY PROFILES FOR T&C PROGRAM DEVELOPMENT**

- **Overview of Case Study & Interoperability Profiles** ~ Cuong Nguyen, NIST
- **Facilitated Discussion:** What are the key interoperability profile elements that will enable T&C programs?

2:45 pm **BREAK**

3:00 pm **BREAKOUT SESSION 3: PRIORITY INTERFACES FOR T&C PROGRAM DEVELOPMENT**

- **Communications Pathway Scenarios and Interfaces** ~ Avi Gopstein, NIST
- **Facilitated Discussion:**
  - Given the communication scenarios, what critical interfaces do we want to see T&C form around? Consider interfaces between customer assets within the domain; customer or third-party assets across domains; inter-domain observability to/from utility; inter-domain controllability to/from utility; utility devices across domains; and others.
  - What will encourage/enable development/buy-in for an interoperability T&C program? Should T&C/standards be incorporated into regulation or procurement language? Is specificity sufficient or do we need other drivers? Are market conditions creating challenges for T&C?

4:30 pm **REPORT OUTS AND NEXT STEPS**

5:00 pm **ADJOURN**