



U.S. Department of Energy

**Office of Electricity Delivery and Energy Reliability**

## DOE Microgrid Workshop

### **BREAKOUT SESSION #2:**

Standards, Design, and Systems  
Integration

**Jason Stamp, Ph.D.**

**Sandia National Laboratories**

**505-284-6797, [jestamp@sandia.gov](mailto:jestamp@sandia.gov)**

[www.oe.energy.gov](http://www.oe.energy.gov)

U.S. Department of Energy – 1000 Independence Ave., SW Washington, DC 20585

# BREAKOUT SESSION #2: Introductions

---

Session lead: Jason Stamp (Sandia)

Facilitator: Byron Washom (UC San Diego)

Recorder: Mustafa Biviji (E2RG)

Standards and protocols: Ben Kroposki (NREL) and Charlie Vartanian (A123)

System design and economic analysis: Jason Stamp and Mike Clark (Encorp)

Systems integration: Juan Torres (Sandia) and Phil Smith (Honeywell)

Sponsors: Dan Ton and Merrill Smith (DOE)

# BREAKOUT SESSION #2: Schedule

---

**1000 – 1010 Session Introduction**

2a: Standards and Protocols

1010 – 1025 Introduction

1025 – 1150 Discussion

1150 – 1200 Wrap-Up

**1200 – 1300 Lunch**

2b: Design and Economic Analysis

1300 – 1315 Introduction

1315 – 1440 Discussion

1440 – 1450 Wrap-Up

**1450 – 1500 Break**

2c: Systems Integration

1500 – 1515 Introduction

1515 – 1640 Discussion

1640 – 1650 Wrap-Up

**1650 – 1700 Session Wrap-Up**

## **BREAKOUT SESSION #2: Goal**

---

**Energetic discussion  
which will help define  
R&D activities  
(using the checklist)**