

# EAC Smart Grid Subcommittee Overview

- Completed work on Distributed Energy Storage Paper
- Initiated work on Valuation and Integration of Distributed Energy Resources
  - Developing Overview of DOE Research Activities
    - Office of Electricity Delivery and Energy Reliability
    - Grid Modernization Lab Consortium and Multi-year Program Plan
    - EPSA QER
    - ARPA-e Network Optimized Distributed Energy Systems (NODES) Program
  - Panel – Leading work on DER Valuation Concepts
  - Next Steps: Review where EAC might contribute to direction of DOE activities related to DER Valuation & Integration
- Commencing work on the implications of Internet of Things for Power Systems
  - Initial scoping discussion identified potential areas of interest;
    - Definition of what is happening in the field
    - Interoperability standards
    - Cyber Security
    - Potential benefits for power systems and energy markets