



SMART GRID SUBCOMMITTEE UPDATE

MAY 28, 2020

CURRENT PROJECTS

- Big Data Analytics in the Utility Setting: The Experience, Barriers, and Future Needs
- State-Federal Coordination
- Advanced Grid Design
- Smart Grid System Report

BIG DATA ANALYTICS IN THE UTILITY SETTING: THE EXPERIENCE, BARRIERS, AND FUTURE NEEDS

- The final piece of the ongoing 'Big Data' series
- Core topics- Business issues, Data Management Issues, Application Opportunities and Challenges, Barriers and Gaps, Research Needs
- Next Steps:
 - Scheduled for Oct. presentation
 - Asking EAC members for suggestions about panelists

STATE-FEDERAL COORDINATION

- Effort will examine state-federal jurisdictional issues related to the formation of whole-sale markets
- Next Steps:
 - Working group gauging interest in NARUC and FERC
 - Will draft letter to bring these two entities together with DOE as a convener

ADVANCED GRID DESIGN

- Current DER-centric policies being developed at the state level do not appreciate the functional and structural requirements needed to fully utilize DER while addressing multiple objectives that include resilience
- Next Steps:
 - Working group is beginning to take a deeper look at this topic
 - Follow up meetings will be scheduled

SMART GRID SYSTEM REPORT

- A report to Congress concerning the status of smart grid deployments nationwide and any regulatory or government barriers to continue deployment
- Next Step:
 - Will be presented to EAC for review in July