

Smart Grid Subcommittee Update

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Electricity Advisory Committee
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Subcommittee Overview

- Statutory basis: Energy Independence & Security Act §1303 -Subcommittee advises DOE
 - The development of smart grid technologies, the progress of a national transition to the use of smart-grid technologies and services, the evolution of widely-accepted technical and practical standards and protocols to allow interoperability and inter-communication among smart-grid capable devices, and the optimum means of using Federal incentive authority to encourage such progress.

Recent Input Sought from Experts

- January 2017 Subcommittee Focus: Cyber Security
 - March 2017 EAC Meeting: Internet of Things Panel
 - June 2017 Subcommittee Meeting: Discussion of Cybersecurity Issues related to IoT and the Power Grid
 - Carol Hawk and Hank Kenchington briefed Subcommittee on current state of cybersecurity research
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Subcommittee Work in July & August

- Feedback on draft Multi-year Plan for Energy Sector Cybersecurity
 - Delivered to DOE on August 3
 - Interest in follow-up discussion
- Organizing Cybersecurity Panel for September 2017 EAC Meeting

Potential Further Consideration

- Cybersecurity and Internet of Things
 - Evaluate information from today's panel
 - Consider high-level work product based on informal feedback to draft MYP
 - Infrastructure Investment in the Grid
 - Examine how to facilitate most economically valuable investments
 - Examine how to maintain U.S. leadership in technologies for power grid
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