Presentation of Industry Response/Ideas:  
*Commitments and Progress*

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CDA Activities and Progress

- Commitments and actions
- Progress
- Opportunities regarding principles
Commitments and Actions

• Support and promotion of CDA Design & Policy Principles for Energy Efficient Connected Devices published October 2016

• Connected Efficiency Award created to “recognize the most energy efficient communications protocols”; winners announced November 2017

• Center of Excellence established online with over 70 publications covering edge devices, networking equipment, and intelligent efficiency

• Promotion of CDA activity at conferences and before policymakers
Progress

• Initiatives focused on networking devices
  • Voluntary Agreement for Ongoing Improvement to the Energy Efficiency of Small Network Equipment; launched 2015 in USA, renewed 2018

• Development of standards relevant to device and equipment connectivity, data reporting and energy management
  • ANSI/CTA-2047: Consumer Electronic Energy Usage Information (CEEUUI)
  • ANSI/CTA-2045-A: Modular Communications Interface (MCI) for Energy Management

• ENERGY STAR program for Smart Home Energy Management Systems (SHEMS) now in development

• Quantification of energy savings potential of connected devices and equipment
  • Energy Savings from Five Home Automation Technologies (Fraunhofer, April 2016)
  • Energy Impacts of Smart Home Technologies (ACEEE, April 2018)
Opportunities

• Adherence to and efficacy of the CDA Principles
  • CTA solicited a proposal, presented and discussed at an earlier CDA workshop, to assess the marketplace impact of the CDA Principles related to product design
    • Staged approach, would focus on three products in different sectors
    • Cost and timeline considerations
  • Regarding the policy-related principles, how can we assess their impact or reflection in regions around the world?

• Refining the CDA Principles