ACCELERATE ENERGY PRODUCTIVITY 2030

Webinar 1: Accelerating Energy Productivity through Building Technologies and Financing

Wednesday, April 13, 2:00 p.m. – 3:30 EST

Register: https://attendee.gotowebinar.com/register/4302610375189052673

AGENDA

2:00 p.m.   **Welcome & Opening Remarks (15 mins.)**
Judi Greenwald, Deputy Director for Climate, Environment, and Energy Efficiency,
U.S. Department of Energy
Deborah Wince-Smith, President and CEO, Council on Competitiveness
Kateri Callahan, President, Alliance to Save Energy

2:15 p.m.   **Building Technologies (20 mins.)**
Jason Bingham, Vice President of Energy Services and Controls, Trane Commercial North America,
Ingersoll Rand

2:35 p.m.   **Q & A (15 mins.)**

2:50 p.m.   **Buildings Energy Productivity Financing (20 mins.)**
Parker White, Director, Hannon Armstrong

3:10 p.m.   **Q & A (15 mins.)**

3:25 p.m.   **Closing Remarks (5 mins.)**
Jenah Zweig, Director of Energy Efficiency Analysis, Department of Energy
Kateri Callahan, President, Alliance to Save Energy
Deborah Wince-Smith, President and CEO, Council on Competitiveness

Overview

Webinar 1: Accelerating Energy Productivity through Building Technologies and Financing

Wednesday, April 13, 2:00 p.m. – 3:30 EST

The Accelerate Energy Productivity 2030 Partners are conducting a series of webinars to examine industry transformations and policy strategies in the context of energy productivity that will inform DOE as they draft the second installment of the Quadrennial Energy Review (QER 1.2). Each webinar will feature presentations from business leaders as well as state and local policymakers, drawing from the broad network of stakeholders who influenced the Partnership's work last year. Speakers and webinar participants alike will examine industry development and market transformation, to identify new and emerging strategies to inform potential policies. The speakers will also highlight "real world" examples of these potential strategies in the context of the six strategy wedges outlined in the *Roadmap.* Below are descriptions of the topics and framing questions for the first webinar on building technologies and financing.

> **Topic: Accelerating Energy Productivity through Building Technologies and Financing**

Buildings account for roughly 40% of U.S. energy consumption. To double energy productivity, increasing the implementation of innovative, energy efficient technologies and the associated financing mechanisms that drive their deployment is critical. The impact on the United States could be a potential savings of an estimated 5.4 quads per year. Speakers will touch on the existing and next generation technologies and the financing mechanisms that can ensure their widespread penetration. These discussions will in turn inform the forthcoming QER 1.2 relevant to these two topics. Framing topics include:

Buildings Technologies:

- What implementation strategies have worked (or not worked) to increase adoption of existing energy efficient technologies in commercial, industrial and residential buildings?
- What R&D strategies are underway to develop next generation technologies and a "systems" approach to building efficiency?
- How can data collection and sharing be increased to help drive zero net energy building penetration in the commercial sector, and better consumer decision making in the residential sector?
- How can the penetration of efficient appliance and equipment deployment across sectors be increased through federal standards?

Buildings Energy Productivity Financing:

- What are the best examples of successful financing mechanisms, programs, or policies that can help make investments in energy efficiency more attainable?
- How can building design (protocols, standardization) facilitate financing?
- What market barriers are preventing sufficient capital—or sufficiently attractively priced capital—from being made available for EE investments?
- How should financing solutions change or be changed based on building type, or type of occupant or sector?
- What role should public capital play?