

Agenda



Accelerate Energy Productivity 2030 Executive Review and Dialogue Session

Tuesday, June 28th, 2016

Location: Department of Energy (Forrestal Building)
1000 Independence Ave., SW
Room 6A-112
Washington D.C., 20585

Registration & Security: Upon entering the main lobby of Forrestal, please look for a staffed registration table labelled "Energy Productivity Executive Roundtable" to receive your badge. Guests will not need to wait in the main visitor registration line, but should still arrive early to accommodate security screening.

Time: 8:30 a.m. – 1:00 p.m.

Attire: Business

Contacts:

David Caughran (Alliance)	254-366-2096
Joseph Teng (DOE)	240-252-8262
Michael Bernstein (Council)	301-541-7891

Discussion Format:

Please review the below agenda carefully and come prepared to share insights from your professional experience with the topics outlined. Due to the range of topics to be addressed during this half-day session, please be prepared to be succinct in your comments so that we can ensure all participants are able to contribute.

Attendees will be joined by peers representing diverse sectors of the economy (see attendee list). The session will be closed door to facilitate open and earnest discussion. Staff will be taking notes and Chatham House rules will apply, with attribution to be anonymous unless otherwise indicated by the speaker. Media will not be present and no formal documents from this event will be published. Participants do not need to prepare formal remarks or materials, but should be prepared to converse on the topics outlined, based on their areas of expertise and interest.

Agenda
Accelerate Energy Productivity 2030
Washington D.C. – June 28, 2016

8:30 a.m. Security Check-in and Registration
Guests will register in the lobby and breakfast and coffee will be served in 6A-112.

9:00 a.m. Opening Remarks

Ms. Melanie Kenderdine
Director, Office of Energy Policy and Systems Analysis
U.S. Department of Energy

Ms. Kateri Callahan
President
Alliance to Save Energy

Mr. Bill Bates
Executive Vice President & Chief of Staff
U.S. Council on Competitiveness

9:30 a.m. Accelerate Energy Productivity 2030 Overview and Update on the Second Installment of the Quadrennial Energy Review

Ms. Judith Greenwald
Deputy Director for Climate, Environment, and Energy Efficiency
and Senior Advisor to the Secretary for Climate Change
Office of Energy Policy and Systems Analysis
U.S. Department of Energy

This overview of the Accelerate Energy Productivity 2030 initiative will discuss the vision and progress of the partnership in support of the President's goal of doubling energy productivity, and the work the Partners have conducted to date, including the development and publication of our strategy roadmap last year, and more recently, the execution of three webinars. Additionally, Ms. Greenwald will provide an update and overview of the DOE's work on the Second Installment of the Quadrennial Energy Review — An Integrated Study of the Electricity System (QER 1.2).

9:45 a.m. Session I –Strategies for Doubling Energy Productivity

Moderator: Ms. Judith Greenwald, U.S. Department of Energy

Selected energy efficiency and energy productivity strategies currently being analyzed by DOE will be discussed. Participants will be asked to offer comments and policy recommendations from their relevant perspectives to inform the finalization of QER 1.2 and other possible initiatives.

Discussion on strategies to improve energy efficiency and energy productivity will focus on the following topics:

1. Energy Management for Industrial, Commercial, and Institutional Facilities
 - a. Obtaining leadership commitments to continuous improvements using Strategic Energy Management, ISO 50001 or other approaches
 - b. Maximizing efficiency through longer term capital improvements (e.g., building envelope retrofits or process improvements)

Agenda
Accelerate Energy Productivity 2030
Washington D.C. – June 28, 2016

2. Energy Management for Consumers (residential and small businesses)
 - a. Saving energy by using connected devices, smart meters and home/small building energy management systems (e.g. the “internet of things”)
 - b. Effective pathways to achieving deep efficiency gains in existing buildings

10:30 a.m. Coffee Break

10:45 a.m. Session I –Strategies for Doubling Energy Productivity (Continued)

Moderator: Ms. Judith Greenwald, U.S. Department of Energy

Continued discussion on strategies to improve energy efficiency and energy productivity will focus on the following topics:

3. State and Utility Demand-Side Policies and Programs
 - a. Broadening state and utility implementation of demand-side policies
 - b. Improving existing utility demand-side programs (e.g. large business retrofit programs, demand response, small business direct install, etc.)
4. Transportation Infrastructure and Efficiency
 - a. Accelerating alternative vehicle market growth with a focus on electrification
 - b. Strategies for improving system efficiency (e.g. long-haul freight, improved urban transportation, autonomous vehicles, etc.)
5. Technology innovation
 - a. Opportunities to further accelerate technology development and commercialization

11:30 a.m. Coffee Break
Snacks and beverages will be served

11:45 a.m. Session II – Policy Recap: Opportunities and Challenges for Accelerating Energy Productivity

Moderator: Ms. Kateri Callahan, Alliance to Save Energy

This session will review and synthesize the discussion from Session I, analyzing the major themes to draw out specific policy recommendations for the QER 1.2 and beyond. Partner staff will discuss how QER 1.2 findings synchronize with lessons learned from the three April webinars, analyses conducted by DOE, and policy recommendations in the *Roadmap*.

- What are new policies that can or should be adopted to improve energy productivity?
- What impact could this have on U.S. energy productivity, and what additional co-benefits could be gained from such policies?
- Who are the most likely implementers of such policies?

12:45 p.m. Closing Remarks

1:00 p.m. Adjourn

Participants

Accelerate Energy Productivity 2030 Executive Review and Dialogue Session

June 28th, 2016 at the Department of Energy (Forrestal Building), Washington D.C.

Mr. Frederick Cartwright
Executive Director
Clemson University-ICAR

Dr. Kathryn Clay
Vice President, Policy
Strategy
American Gas Association

Mr. John Di Stasio
President
Large Public Power Council

Mr. Bruce Edelston
Vice President, Energy
Policy
Southern Company
Services

Dr. Roger Flanagan
Director
Lockheed Martin

Ms. Carolyn Green
Co-Founder and Managing
Partner
EnerGreen Capital
Management

Mr. Wayne Killen
Electric Vehicle Architect
Audi

Mr. Michael McDonald
Senior Engineer
American Water

**Ms. Rose McKinney-
James**
Managing Principal
Energy Works LLC

Mr. Dan McMahon
Executive Vice President,
Group Head Public Sector
Hannon Armstrong

Mr. Greg Merritt
Vice President, Marketing
and Public Affairs
Cree

Ms. Susan Mora
Director, Federal Affairs
Exelon

Mr. Gregory Morin
Director, Strategy and
Innovation
Argonne National
Laboratory

Mr. Frank Murray
Former President
NYSERDA

Mr. Adam Procell
President and Chief
Executive Officer
Lime Energy

Mr. Curt Rich
President and Chief
Executive Officer
North American Insulation
Manufacturers Association

Mr. Kevin Self
Sr. Vice President, Strategy,
Business Development and
Government Relations
Schneider Electric

Mr. Bill Sisson
Director, Sustainability
United Technologies
Research Center

Mr. Richard Skorpenske
Head of Advocacy and
Sustainability
Covestro

Mr. Rick Tempchin
Executive Director, Retail
Energy Services
Edison Electric Institute

Mr. David Vasko
Director, Advanced
Technology
Rockwell Automation

Dr. Vijay Vittal
Ira A. Fulton Chair
Professor, Electrical
Engineering
Arizona State University

Mr. Mark Wagner
Vice President, Government
Relations
Johnson Controls, Inc

Partnership Staff & Speakers

Accelerate Energy Productivity 2030 Executive Review and Dialogue Session

June 28th, 2016 at the Department of Energy (Forrestal Building), Washington D.C.

Alliance to Save Energy

- Ms. Kateri Callahan, President
- Mr. David Caughran, Senior Policy Associate
- Ms. Karen Hughes, International Program Manager
- Mr. Scott Thach, Vice President, Stakeholder Engagement

Council on Competitiveness

- Mr. Bill Bates, Executive Vice President & Chief of Staff
- Mr. Michael Bernstein, Senior Policy Director

National Renewable Energy Laboratory

- Mr. Jack Mayernick, Building Energy Analyst, Technology Systems and Sustainability Analysis

U.S. Department of Energy Office of Energy Policy and Systems Analysis

- Ms. Melanie Kenderdine, Director
- Ms. Judi Greenwald, Deputy Director for Climate, Environment, and Energy Efficiency and Senior Advisor to the Secretary for Climate Change
- Mr. Mark Friedrichs, Office Director (Acting), Energy Efficiency Analysis
- Mr. Joseph Teng, Research Fellow, Energy Efficiency Analysis

U.S. Department of Energy Office of Energy Efficiency and Renewable Energy

- Ms. Kathleen Hogan, Deputy Assistant Secretary for Energy Efficiency
- Mr. Mark Johnson, Director, Advanced Manufacturing Office
- Mr. David Nemtzow, Director, Building Technologies Office

U.S. Department of Energy Office of Economic Impact and Diversity

- Ms. Dot Harris, Director

U.S. Environmental Protection Agency

- Mr. Joe Bryson, Policy Analyst, Office of Atmospheric Programs