

# 10 – Visions of the Future: Big New Ideas for Energy Efficiency

## Efficiency in a Climate-Constrained World: Are We Aiming High Enough?

Chris Calwell, Ecos Consulting  
Laura Moorefield, Ecos Consulting

## Making Aggressive Levels of Efficiency “Business as Usual” – California’s Strategic Plan for the Next Generation of Energy Efficiency

Jeanne Clinton, California Public Utilities Commission  
Cathleen Fogel, California Public Utilities Commission

## DOE’s Commercial Buildings Program: A Market-Based Approach to Zero Energy Performance

Drury Crawley, U.S. Department of Energy  
Paul Torcellini, National Renewable Energy Laboratory  
L.J. Sandahl, Pacific Northwest National Laboratory  
Sean McDonald, Pacific Northwest National Laboratory  
Andrew Nicholls, Pacific Northwest National Laboratory

## Extreme Efficiency: How Far Can We Go If We Really Need To?

David B. Goldstein, Natural Resources Defense Council (NRDC)

## Getting to Fifty: Moving Toward Low-Energy Commercial Buildings

David Hewitt, New Buildings Institute  
Terry Egnor, New Buildings Institute  
Mark Frankel, New Buildings Institute

## CABA’s Intelligent Building Programs

David Katz, Building Intelligence Quotient Consortium  
Thomas M. Keel, Georgia Institute of Technology

## The Value of Advanced Technologies in the U.S. Buildings Sector in Climate Change Mitigation

Page Kyle, Joint Global Change Research Institute  
Leon Clarke, Joint Global Change Research Institute  
Steven J. Smith, Joint Global Change Research Institute

## Energy Efficiency’s Impact on California’s Renewable Energy Development

Amber Mahone, Energy and Environmental Economics, Inc.  
Jack Moore, Energy and Environmental Economics, Inc.  
Jim Williams, Energy and Environmental Economics, Inc.  
C.K. Woo, Energy and Environmental Economics, Inc.

## Bringing the Vision to Life: Will Advances in Energy Communication Create a Significant Resource Strategy?

Harvey Michaels, Michaels Energy Strategy and Analysis

## What Does It Take to Turn Load Growth Negative? A View from the Leading Edge

Scudder Parker, Vermont Energy Investment Corporation  
Blair Hamilton, Vermont Energy Investment Corporation  
Michael Wickenden, Vermont Energy Efficiency Contract Administrator

## **Dynamic Energy Management**

Kelly E. Parmenter, Global Energy Partners, LLC  
Patricia Hurtado, Global Energy Partners, LLC  
Greg Wikler, Global Energy Partners, LLC  
Clark W. Gellings, Electric Power Research Institute

## **The Road to Carbon Neutral: ENERGY STAR for Homes and Beyond**

Sam Rashkin, U.S. Environmental Protection Agency  
Glenn Chinery, U.S. Environmental Protection Agency  
David Meisegeier, ICF International  
Dean Gamble, ICF International

## **Scale Matters: An Action Plan for Realizing Sector-Wide “Zero Energy” Performance Goals in Commercial Buildings**

Stephen Selkowitz, Lawrence Berkeley National Laboratory  
Jessica Granderson, Lawrence Berkeley National Laboratory  
Philip Haves, Lawrence Berkeley National Laboratory  
Paul Mathew, Lawrence Berkeley National Laboratory  
Jeffrey Harris, Alliance to Save Energy

## **Modeling Approaches to Building Energy Efficiency**

William Sisson, United Technologies Corporation and World Business Council for Sustainable Development

## **EPA Climate Choice: Promoting Emerging Technologies That Protect the Climate**

Kristen Taddonio, U.S. Environmental Protection Agency  
Peter Banwell, U.S. Environmental Protection Agency

## **National Cooling Initiative: What Are We Waiting For?**

Buck Taylor, Roltay Inc. Energy Services  
Mark Cherniack, New Buildings Institute

## **Deep Energy Reductions in Existing Homes: Strategies for Implementation**

Linda Wigington, Affordable Comfort, Inc. (ACI)