



audience to these practices; present potential energy savings and costs; and discuss non-energy benefits, such as improved ventilation and increased human comfort and productivity. The benefits and challenges to implementing programs that promote these practices will also be explored. Several new programs to promote these opportunities will be discussed.

*Discussion Topics:*

- What are the advantages and disadvantages of retrocommissioning buildings?
- HVAC systems?
- What are some of the challenges that program managers have encountered?
- What kind of response has been seen from end-users?
- What sectors are most interested (schools? government?)?

*Working Session III*

*Tuesday, April 15*

*1:00 to 2:30 pm*

**C3: Making the Connection: How New Construction Programs Can Benefit from the ABG and LEED Programs**

*Facilitator: Denise Rouleau, Consortium for Energy Efficiency*

*Presenters: Jeff Johnson, New Buildings Institute  
Michael McAteer, National Grid USA*

*Description:* Explore the opportunities for commercial programs to integrate the Advanced Building Guidelines (ABG) to achieve enhanced energy savings and to leverage interest in the Leadership in Energy and Environmental Design (LEED) program. Specific topics will include the status of ABG and LEED, the potential role of ABG in commercial programs, a summary of states and other entities requiring LEED certification, a review of incentive strategies fostering these efforts, and examples of how energy efficiency programs are interacting with LEED in the marketplace.

*Discussion Topics:*

- What are the benefits/challenges and barriers to incorporating ABG into programs?
- What are the benefits/challenges and barriers to leveraging the LEED program?
- Are the suggested strategies feasible? What are the constraints?
- Identify other strategies for incorporating the ABG into energy efficiency programs.

*Working Session IV*

*Tuesday, April 15*

*2:45 to 4:15 pm*

**C4: Improving Productivity in Commercial Buildings**

*Facilitator: Harvey Sachs, American Council for an Energy-Efficient Economy*

*Presenters: Dave Hewitt, Northwest Energy Efficiency Alliance  
Beran Gurtekin-Celik, Carnegie Mellon University*

*Description:* Current research links human performance with various building features. This session will summarize key research results and case studies on productivity as it relates to energy-using building systems including ventilation, HVAC controls, daylighting, and lighting design. The speakers will introduce a new financial modeling tool based on their research and discuss an approach for moving productivity-related information into the building design and management community.

*Discussion Topics:*

- How can productivity related information support energy efficiency objectives?
- What are the potential roles for utilities and market transformation organizations in taking productivity research to a pragmatic “business case” level?