

Energy Efficiency and Green Building IWG Meeting Summary
Meeting #6, Wednesday, September 3, 2008, 12:30 pm – 2:30 pm
Teleconference

In AttendanceCo-Leads:

Tony Usibelli, CTED

Workgroup Members:

Aaron Adelstein, King & Snohomish Master Builders Association

Eddie Bugg, Alcoa: Kawneer Company

Anthony Chavez, Weyerhaeuser

Carrie Dolwick, NW Energy Coalition

Amanda Eichel, Seattle Office of Sustainability and Environment¹

Jake Fey, City of Tacoma

Mark Frankel, New Buildings Institute

Bert Gregory, Mithun Architects

Rachael Jamison, Dept. of Ecology

Becky Kelley, Washington Environmental Council

Stan Price, NW Energy Efficiency Council

Donna Albert, General Administration*

Mark Wiser, Chelan PUD**

* Alternate for Stu Simpson, General Administration

** Alternate for John Stoll, Chelan PUD

Absent:

Ash Awad, McKinstry

James Abelson, Microsoft

Doug Daley, Harbor Properties

Tom Eckmann, Greenwood Technologies

Ann Grodnik, Seattle-Northwest Securities

Patrick Mazza, Climate Solutions

Patrick Neville, Apollo Alliance

Cal Shirley, Puget Sound Energy

David Van Holde, King County

Mary Verner, City of Spokane

Wayne Williams, Telect & Chair of Greater Spokane Inc.

Yancy Wright, Sellen

Support:

David von Hippel, Facilitator/Technical Analyst, SEI-Center for Climate Strategies

Carrie Lee, Facilitator/Technical Analyst, SEI-Center for Climate Strategies

Chuck Murray, process support, CTED

Meeting Agenda

- Roll Call
- Review and approval of IWG Meeting #5 summary
- Review and discussion of 2009 Actions
 - Revised proposals developed by small groups
- Suggested quantification procedures
- Discussion of process for further refinement of actions before upcoming CAT meeting
- Next Steps for IWG
- Agenda, Time and Date for Next Meeting

Background Documents (available online at http://www.ecy.wa.gov/climatechange/2008CAT_iwg_bee.htm)

- [Agenda](#)
- [PowerPoint Presentation](#)
- [Draft 2009 Action Concepts](#)
- [Draft Memo on Approach to "Quantification" of Actions](#)

Discussion Items and Key Issues

1. The IWG Meeting #5 summary was approved by IWG members.
2. The facilitators provided an overview of the proposed common quantification approach for the EE/GB IWG 2009 Actions to the IWG. CTED support staff noted that they have access to data sources related to building sector energy efficiency analysis, and will be in touch with the facilitators to provide those resources. The IWG had no overall questions regarding the quantification approach before discussing individual 2009 Actions.
3. The co-leads asked the IWG to focus discussion during this meeting on preparing materials and refining 2009 Actions for presentation to the CAT at the Sept. 18-19. IWG members should look toward identifying key issues for CAT input and how to best prioritize the 2009 Actions for CAT consideration.
4. Summaries of the IWG discussion of each action considered during the call are provided below:
 - 4.1. EE/GB Action 3: State Energy Code Improvements, and Establishment of 2030 Building Goals
 - 4.1.1. The small group provided an overview of the latest revised version of this proposed 2009 Action divided into three parts:
 - Part 1: A Governor-directed update to the state building energy code to achieve a 30% reduction in energy use. Associated with this Governor's directive would be an administrative timeline for meeting this goal (following the existing review every 3 years) and extensive training and education programs to ensure the building code is properly enforced. IWG members noted that the administrative costs to update the building energy code, as well as the economic benefits through generation of green jobs should be included in the 2009 Action description.

- Part 2: Legislative action for goal-setting for further energy efficiency and carbon reductions in new and existing buildings for the years 2010 to 2030 based on the AIA 2030 goals.
 - Part 3: Legislative action to upgrade state appliance standards and adopt standards already in place in OR and CA.
- 4.1.2. Small group members asked the full IWG to comment on whether these 2009 Action concepts need to be developed further in preparation for the CAT meeting. Co-leads informed the IWG that CTED has recently received funding from the U.S. DOE to support some of the administrative costs of upgrading the state building energy code by 30%. IWG members expressed concern regarding how upgrading the energy code may affect the existing building market and the ability for utilities to encourage building energy efficiency retrofits. Upgrading the energy code could result in the unintended consequence of deferring or delaying upgrade to buildings. In order to maximize energy efficiency return, an IWG member advocated that, utilities should be permitted to provide incentives for upgrades based on the existing energy building use. IWG members expressed concern regarding the interaction of upgrading the energy code and the Energy Star standards used in Action 1. IWG members agreed to include upfront language that introduced the proposed actions and expressed the intent to have incentives leading building code upgrades. IWG members also noted the distinction that building energy code focuses on building construction, while the proposed tax incentives are predominately tied to actual building performance.
- 4.1.3. Small group members agreed to revise text of the proposed action and send to the full IWG for their review. Facilitators asked the IWG to consider the quantification approach proposed. CTED support staff offered to help identify relevant data sources.
- 4.2. EE/GB Action 2: Energy Efficiency in Existing, New and Renovated Public Buildings
- 4.2.1. Small group members reviewed revisions to the 2009 Action text reflecting the discussion at meeting #5 and subsequent small group work. Co-leads asked for IWG input on performance contracting as no-cost approach and whether the revised version sufficiently addresses concerns of small jurisdictions. IWG members responded that ESCOs do have a significant track record of delivering energy efficiency improvements for public buildings, as well that resources at General Administration have been developed to aid and demonstrated a track record for assisting small jurisdictions. Small group members agreed to revise text to emphasize resources available to small jurisdictions. Co-leads agreed to try and connect the small group with the public housing staff at CTED so that issues related to improving the energy efficiency in public housing could be more fully addressed in the Action text.
- 4.2.2. Facilitators asked IWG members to consider the proposed approach for quantification of Action 2 and provide feedback as to whether there are any missing or excess elements. The embodied energy of building materials element has been dropped in this revised version so will no longer be quantified. GA staff offered to provide estimates of administrative staff costs.
- 4.3. EE/GB Action 1: Energy Efficiency Incentives
- 4.4. 1A: Energy Efficiency Quality Investment Program (EEQUIP)
- 4.4.1. Co-leads noted that the small group should consider which of the elements of this action should be given priority if they are unable to move forward with all of the proposed aspects in this legislative session.

- 4.4.2. Residential Sales Tax Credit: Small group members reviewed revisions to the proposed Action, including a tiered approach to the sales tax incentives for residential buildings that meet certified green building standards. IWG members reiterated concerns that specific green building standards should not be named, but instead referred to as “third-party verified green building standards”, otherwise other green building standards should be named, also including NAHB. Co-leads asked small group members to review and include information from the fiscal note DOR prepared for the former HB 3120 from Feb 4, 2008.
- 4.4.3. Public Utility Tax Credit: Small group members reviewed revisions reflecting discussion at meeting #5 including a disclosure requirement that information on the energy star rating of buildings be provided at time of sale and time of lease, and noted discussions of a proposal to add a fee for buildings with low energy star ratings. Small group members agreed they need to further consider quantification of this option and the integration of Action 1 and Action 3. IWG members noted that language should allow district energy systems and campus facilities to be included as potentially qualifying for the tax credit program.
- 4.5. 1B: CHP and District Energy Development
 - 4.5.1. Small group members did not finish discussion of revisions to the proposed 2009 Action text and will submit input next week.
- 4.6. In preparation for the Sept. CAT meeting, co-leads requested input from the IWG members on how to visually display the IWG’s recommendations and links between action items at the CAT meeting.
- 4.7. Carrie Dolwick informed the IWG that she will be providing an update to a state senate committee on the EE/GB IWG work.

5. Next Steps

IWG members agreed to provide any concerns and feedback regarding the proposed quantification approach to the facilitators and co-leads by COB Thursday, Sept. 4th. Small group members agreed to continue to revise proposed actions to reflect discussion at meeting #6 and prepare materials for the Sept. CAT meeting. Small groups agreed to submit revised 2009 Actions to the facilitators by the COB on Wednesday, Sept. 10. Facilitators will prepare materials for the Sept. 18-19 CAT meeting, and continue making progress on quantification of the proposed 2009 Actions based on the proposed approach presented to IWG members at meeting #6.

6. Next Meeting

The next IWG meeting will be following the Sept. 18-19 CAT meeting. Facilitators are coordinating with co-leads to finalize the date and time for this meeting. Meeting information will be posted on the EE/GB website and sent to IWG members. At the next meeting, the IWG will review CAT feedback and initial quantification estimates of the 2009 Actions.