

Energy Efficiency and Green Building IWG Meeting Summary
Meeting #9, Wednesday, October 29, 2008, 1:00 pm – 3:00 pm
Teleconference

In AttendanceCo-Leads:

Ash Awad, McKinstry

Workgroup Members:

Kim Drury, NW Energy Coalition*

Jake Fey, City of Tacoma

Rachael Jamison, Dept. of Ecology

Stan Price, NW Energy Efficiency Council

Stu Simpson, General Administration

Mark Wiser, Chelan PUD**

David Van Holde, King County

*Alternate for Carrie Dolwick, NW Energy Coalition

**Alternate for John Stoll, Chelan PUD

Absent:

James Abelson, Microsoft

Aaron Adelstein, King & Snohomish Master Builders Association

Eddie Bugg, Alcoa: Kawneer Company

Anthony Chavez, Weyerhaeuser

Doug Daley, Harbor Properties

Tom Eckmann, Greenwood Technologies

Amanda Eichel, Seattle Office of Sustainability and Environment

Mark Frankel, New Buildings Institute

Bert Gregory, Mithun Architects

Ann Grodnik, Seattle-Northwest Securities

Becky Kelley, Washington Environmental Council

Patrick Mazza, Climate Solutions

Patrick Neville, Apollo Alliance

Cal Shirley, Puget Sound Energy

Tony Usibelli, CTED

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, CTED

Meeting Agenda

- Roll Call
- Review and approval of IWG Meeting #8 summary
- Review of CAT feedback and next steps
- Review and discussion of quantification of 2009 Actions
- 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

Discussion Items and Key Issues

1. The IWG Meeting #8 summary was approved by IWG members.
2. Facilitators emphasized that this meeting is the final opportunity for the full IWG to raise any major concerns regarding the EE/GB IWG materials that have been prepared for the final CAT report. The final CAT report will include both the review summary materials, as well as the full IWG Actions Document as an annex to the full report. Facilitators will submit EE/GB IWG materials for the CAT report by Nov. 1.
3. Co-leads provided an overview of the CAT feedback on the Actions proposed by the EE/GB IWG from the Oct. 14-15 CAT meeting. IWG members responded to the CAT comment regarding the application of beyond-code improvements to local government buildings included in Action 2, and noting a question about the potential legal feasibility of that aspect of the proposed action.
4. Co-leads thanked IWG members for their participation and hard work in the EE/GB IWG throughout the 2008 CAT process. Beyond the 2008 CAT process, state agencies responsible for implementing CAT Actions are open to having interested IWG members continue as informal advisors as detailed implementation plans are formulated.
5. Co-leads and IWG members discussed and clarified how the CAT will be endorsing the Actions proposed by the IWGs. Co-lead and IWG members serving as CAT members emphasized that CAT members have not endorsed all specific elements of all Actions, but instead the CAT will be demonstrating overall support for moving forward to explore the potential for the proposed Actions to achieve the state's GHG emission reduction target under HB2815.
6. Facilitators reviewed revisions to the 2009 Actions Documents made based on input from co-leads, in response to CAT feedback during the Oct. 14-15 CAT meeting. IWG members were asked to provide their input and responses to revisions made and to identify any major concerns they have regarding the proposed Actions and quantification estimates.

Summaries of the IWG discussion of each action considered during the call are provided below:

6.1. EE/GB Action 1: Energy Efficiency Incentives

1A: Energy Efficiency Quality Investment Program (EEQUIP)

- 6.1.1. An IWG member provided an update on input requested from the Municipal Research Service to review the LIA element proposed in Action 1A. Following initial input from the Municipal Research Service, they are still waiting for further refinement of their review. However, based on the additional clarifying text on LID added to Action 1A the IWG member expressed confidence in moving forward with the Action in its current form.
- 6.1.2. Facilitators reviewed the approach for quantification of this Action and requested input from IWG members regarding the cost per sq. ft. of new construction and renovation of both residential and commercial buildings. IWG members agreed that \$150 per sq. ft. was appropriate for residential buildings and suggested a value of \$250 per sq. ft. for commercial buildings.
- 6.1.3. IWG members expressed concern about shifting the energy benchmarking and energy performance disclosure for private buildings from Action 1A to Action 2. IWG members were concerned that opposition to this element could reduce support for the public building elements of Action 2. Co-leads noted that moving forward proposed legislation is unlikely to have the exact form of the text in the proposed Actions, rather that these Actions serve as recommendations to build legislation. IWG members agreed that Action 2 should be subdivided into 2A (original Action 2 elements related to public buildings only) and 2B (new energy disclosure element for private buildings). IWG members agreed this element deserves additional consideration and support from the CAT, but expressed disagreement that this element should be implemented in its current form.

1B: CHP and District Energy Development

- 6.1.4. Facilitators reviewed co-leads input to increase energy efficiency threshold for eligible CHP systems following CAT feedback. Facilitators provided IWG members with an overview of the approach to quantifying this option. Estimates of the cost and emissions savings of both full expansion of CHP (to approximately the level included in the 2007 CAT RCI TWG process), as well as a subset of CHP systems receiving sales and use tax exemptions, were quantified in order to provide a range of estimates.
- 6.2. EE/GB Action 2: Energy Efficiency in Existing, New and Renovated Public Buildings and Energy Benchmarking and Energy Performance Disclosure in Public and Private Buildings
 - 6.2.1. Facilitators noted agreement during earlier discussion of Action 1A to subdivide Action 2 into 2A and 2B, separating the public and private building elements of this Action.
 - 6.2.2. Facilitators reviewed the results of the quantification approach and estimates generated. IWG members expressed concern about that the projected energy efficiency improvement for a new building of 64% by 2012 might not be realistic. IWG members agreed that text in the Actions document should be added, in the form of a footnote or under feasibility, to clearly state that estimated values are based on the goal set, but that expected actual implementation is likely to be less. The added text will also underscore the effort and investment required to achieve the savings goals.
 - 6.2.3. IWG members recommended that the potential energy savings from the disclosure requirement of Action 2B could be noted, but not quantified, in the text of this Action.
 - 6.3. EE/GB Action 3: State Energy Code Improvements and Establishment of 2030 Building Goals
 - 6.3.1. IWG members discussed the potential overlap of the estimate for this Action with savings captured under I-937. The IWG agreed to have CTED staff and facilitators discuss this concern further following the call and revise the assumed overlap as needed.

- 6.3.2. IWG members recommended splitting out the quantification of the WESC building code upgrade from the establishment of 2030 building goals, emphasizing the first element is an action and the second a target. IWG members agreed with this approach, as well as the addition of text to emphasize that achievement of the 2030 building goals will require significant effort and commitment.

7. Next Steps

Facilitators will incorporate IWG input into the EE/GB IWG materials for the CAT report. All materials will be submitted by Nov. 1.

8. Next Meeting

The meeting #9 teleconference was the final EE/GB IWG meeting. Following the completion of the 2008 CAT process, state agencies responsible for implementing CAT Actions will discuss having interested IWG members continue as informal advisors as detailed implementation plans are formulated.