

MEMORANDUM

To: Energy Efficiency and Green Building Implementation Working Group
(EE/GB IWG)

From: David von Hippel and Carrie Lee

Re: Small group work on 2009 actions

Date: Tuesday, June 24, 2008

Thanks to everyone for a productive Meeting #2 of the EE/GB IWG.

At the June 23 meeting, IWG members agreed on five 2009 actions for further refinement and investigation in small groups.

- Incentives for Building Operation
- Public Building Operation and Building Standards
- State Energy Code and 2030 Building Goals
- CHP Development
- Energy Efficiency for Natural Gas, Propane, and Fuel Oil

IWG members volunteered to work in small groups on each of the above 2009 actions. Small group members and leaders are listed in the table below. Please email David and Carrie, if you would like to be added to and/or removed from one of the small groups. For convenience we have assigned a number for each 2009 action (e.g. EE/GB-1). Short descriptions of the options, modified based on input received during the 6/3 meeting, are presented at the end of this memo.

| 2009 Actions | | Small Group Members (Lead in Bold) |
|-----------------------|---|---|
| EE/GB Action 1 | Incentives for Higher-Efficiency Building Operations | Stan Price , Tom Eckmann, John Stoll, Yancy Wright, Ann Grodnick, Patrick Neville, Doug Daley, Anthony Chavez, Rachel Jamison, Bill Nesmith, Gary Grossman, Carrie Dolwick |
| EE/GB Action 2 | Public Building Operation and Building Standards | Rachel Jamison , David Van Holde, Becky Kelley, Stu Simpson |
| EE/GB Action 3 | State Energy Code Improvements, and Establishment of 2030 Building Goals | Chuck Murray, Jake Fey, Carrie Dolwick, Bert Gregory, Becky Kelley, Patrick Mazza |
| EE/GB Action 4 | CHP and Distributed Energy Development | Anthony Chavez , Tom Eckmann, Cal Shirley, David Sjoding (for Jake Fey), David Van Holde |
| EE/GB Action 5 | Energy Efficiency for Natural Gas, Propane, and Fuel Oil | Jake Fey , Cal Shirley, Stan Price, Nancy Hirsh (for Carrie Dolwick) |

Regarding participation in small groups of the EE/GB IWG please follow these guidelines:

- Any other members of the EE/GB IWG can participate in a small group. IWG members are welcome to join all five!
- EE/GB IWB members may invite other of their staff to join in the discussions and in small groups
- EE/GB IWG members are welcome to talk to anyone they wish outside of the EE/GB IWG or their staff colleagues for information, assistance, etc. and bring this information back to the small group. However, individuals outside of either the EE/GB IWG or their respective organizations cannot participate directly in a small group.
- Only EE/GB committee members should represent small group ideas at the full committee meeting.

Each small group is tasked with creating text to elaborate on the 2009 action. Small groups are encouraged to include/revise/refine text developed already in the revised policy options document based on previous EE/GB IWG meetings and work from the 2007 RCI TWG process. Small group draft text will be **submitted to EE/GB facilitators by July 2/3** in preparation for the next IWG meeting on July 9. Attached is a rough template for use by the small groups in organizing ideas for each action. Please note that the template includes a section on “Rationale/guiding principles for choosing the action”, which will ultimately (for some options) reflect the costs and benefits of the action. For now, please feel free to include any quick notes you think are appropriate in this section, but note that analyzing the costs and benefits of actions will be a focus for later in the process. Remember that the “options descriptions document”, dated 6/13 and sent to you in advance of the 6/23 conference call, can be used as a source if text for your work on these actions, if you find it helpful.

Small groups may choose to arrange conference calls, use the EE/GB IWG Sharepoint website, and collaborate via email to prepare and draft text for these 2009 actions.

At the July 9 IWG meeting, the full IWG will review and provide input on small group work. Based on this input the 2009 actions will be revised in preparation for presentation to the CAT at the July 25 meeting.

Looking ahead, by the September 18/19 CAT meeting the EE/GB IWG is charged with presenting to the CAT detailed proposals for two to four 2009 actions. These proposals will include fully developed text for legislative or executive action, and documented GHG reductions, as well as direct and indirect costs and benefits.

Energy Efficiency and Green Building Implementation Working Group (EE/GB IWG) Actions for Further Elaboration by Small Groups

During its call of June 23, 2008, the EE/GB IWG agreed to elaborate the following draft Actions for presentation to the Climate Action Team (CAT). The first step in doing so will be to work on these Actions in small groups, and to provide draft text for each Action for review by the full IWG. Summaries of the five Actions (the Actions presented as numbers 3 and 4 during the 6/23 meeting have been combined) that the IWG agreed to work on in small groups are provided below, including edits to the summaries suggested during the 6/23 call.

EE/GB Action 1: Incentives for Higher-Efficiency Building Operations. Develop targeted proposals for tax and other types of incentives that promote the construction, retrofitting, and long-term operation of buildings (both residential and commercial, including the typically underserved small-commercial segment) at substantially higher levels of energy efficiency. IWG members suggested that this action include discussion of innovative financing funds, means of benchmarking building operations at an escalating scale over time, an energy efficiency fund to further support the transition from BAU to high performing buildings, and incentives to upgrade/retrofit existing buildings.

EE/GB Action 2: Public Building Operation and Building Standards. Develop a proposal that will substantially upgrade the energy efficiency and sustainability of publicly-constructed and -operated buildings by policies that allow better linking of first and operating cost decisions, improve energy standards for construction of public buildings, and use other mechanisms to improve the energy-efficient design and operations of public buildings in an integrate fashion. This option may include elements such as providing case studies as examples to the private sector, and pursuing sustainable building practices more generally.

EE/GB Action 3: State Energy Code Improvements, and Establishment of 2030 Building Goals. Develop a path or detailed plan to significantly upgrade the state's energy code (residential and commercial) in 2009 to the highest levels among state codes (e.g. 30% above current levels), and develop a proposal that will drive Washington toward the construction of low-carbon, zero net energy buildings by 2030. This proposal should include, at a minimum, provisions for education/training, building benchmarking, and certification, but should also address financing of building improvements.

EE/GB Action 4: CHP and Distributed Energy Development. Develop a plan to better utilize Washington's biomass and other resources in distributed energy systems, with a focus on distributed small-scale (less than 30 MW) combined heat and power systems, but also including, for example, larger industrial CHP systems and district heating systems as applicable.

EE/GB Action 5: Energy Efficiency for Natural Gas, Propane, and Fuel Oil. Develop one or more model program design that can be used by natural gas, propane, and fuel oil suppliers or others, as appropriate, to capture all cost-effective energy efficiency opportunities for users of those fuels.