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MEETING SUMMARY
MARYLAND CLIMATE CHANGE ADVISORY GROUP
Residential, Commercial and Industrial Technical Work Group
(RCI TWG)

Call #5, October 22, 2007

Attendance: (*new members)

Technical Working Group: Dr. Michelle Harris Bondima, Dr. Paul Chan, Todd Chason, Brad Heavner, Julian Levy, and Michael Mallinoff

Maryland State Department Representatives: Renee Fizer, Katy Perry, Jim Lewis, Robert Howatt, and Walt Auburn

Center for Climate Strategies (CCS): Christopher James, Alice Napoleon

Public Attendees: Unknown

Background documents:

(http://www.mdclimatechange.us/GHG_Residential_Commercial_Industrial.cfm)

- Meeting Notice and Agenda
- Call #4 Summary
- PowerPoint for Teleconference
- Results of Balloting (emailed to TWG members and posted on 10-22-07)

Discussion items and key issues:

1. CCS called the meeting to order, completed the roll call, and reviewed the agenda and plans for the call.
2. There were no questions or comments on the draft summary of Call #4. The meeting notes were approved.
3. CCS reviewed where we are in the process. The TWG recently completed balloting to identify initial priorities for analysis. On 10/26, the results of the balloting will be presented to the MWG, which may accept or reject and modify the TWG's recommended priorities for analysis. CCS will also report to the MWG comments or suggestions from today's call, as well as any emailed to Chris James and Alice Napoleon before 5:00 PM on Oct. 23.
4. Chris briefed the TWG on the Maryland Commission on Climate Change (MCCC) meeting on 10-17-07.

- a. The MCCC agreed with the four Early Action Items recommended by the RCI TWG, including 1) implementation of an energy efficiency resource standard (EERS); 2) improved building codes for energy efficiency, including strengthening regional partnerships like NEEP; 3) promotion and incentives for improved design and construction in the private sector, e.g. LEED; and 4) energy efficiency and environmental awareness in school curriculae. Other call participants noted that there was much discussion at the MCCC meeting on the need for efficiency and environmental awareness in school curriculae, and also that schools should be built to LEED standards.
 - b. The MCCC also discussed different baselines, including 2006 and 1990, as well as new goals: 10% reduction by 2012, 15% by 2015, and 25-50% by 2020.
5. Alice gave an overview of the balloting results. All eleven TWG members submitted ballots. CCS grouped the results into three categories: high priority for analysis (4+ balloting selections), medium (3 selections), and low (2 or fewer selections). The cut-off was chosen so that 10 to 12 policy options would be recommended as “high priority for analysis” to the MWG. All of the Early Action Items made the top 12.
 6. The TWG was asked for comments on the results. Some concern was expressed about suggesting unfunded mandates on local government. Can RGGI auction proceeds be tapped? Renee Fizer explained the criteria for use of these funds. CCS also responded that many efficiency measures have negative costs. Also, the TWG will be soon be working on implementation mechanisms—including whether the policy is mandatory or voluntary—but that the policies are not yet so defined. Support was expressed for stronger mandates.
 7. A participant noted that several policy options are closely related and should perhaps be bundled, including RCI-1 + RCI-7, and RCI-7 + RCI-12. Alice explained that, depending on the combination of policies bundled together, it may be difficult to analyze and quantify the benefits of the policies (e.g., RCI-1 + RCI-7, because many credits under LEED do not involve efficiency improvements).
 8. Because some of the ballots were received shortly before the meeting, CCS was not able review the results to see if any options with high potential for reducing GHG emissions did not make the cut. Chris identified two such options off-the-cuff:
 - Incentives and Resources to Promote Combined Heat and Power (CHP, or “cogeneration”) (6.2)
 - Demand-Side Management (DSM) Energy Efficiency Programs, Funds, or Goals for Natural Gas, Propane, and Fuel Oil (including peak load reduction) (1.2).

The Energy Supply TWG is recommending a policy for analysis that includes CHP, however DSM for Natural Gas, Propane, and Fuel Oil will not be covered elsewhere. It was noted that gas savings may be even more dramatic than electric: many gas furnaces may be operating at only 75% efficiency but should be at 90% efficiency. The TWG discussed combining RCI-2 and 1.2 except oil & propane, because oil and propane suppliers are decentralized and implementation mechanisms for them would necessarily vary. There were no objections to suggesting to the MWG that natural gas DSM be

included in RCI-2, provided that the benefits and costs of gas and electricity DSM be reported separately (as was done in Colorado).

9. It was asked whether RCI-6 would include consumer outreach as well as school curricula. Based on the discussion at the previous meeting, CCS thought that the intent was to focus solely on school curricula, but the policy design will be further defined during the development of straw proposals. Walt Auburn suggested that the analysis draw on the Alliance to Save Energy report (he will forward this report to CCS).
10. Public input or announcements: none

Next steps and agreements:

1. At its meeting on Friday, October 26, the MWG will review and approve or modify the TWG's recommended priorities for analysis. (Tad will be sending out the information for Friday's MWG meeting.)
2. The next RCI TWG meeting will be held on **November 6th, 2007 from 1:00 to 3:00 PM EST, by teleconference**. At that meeting, CCS will solicit volunteers to begin developing straw proposals for the priority policies for analysis that were moved forward by the MWG.
3. The TWG expressed support for holding a TWG meeting face-to-face, provided that there is also access by telephone. CCS will try to schedule TWG meeting #7 to be in person.