



**MEETING SUMMARY**  
**MONTANA CLIMATE CHANGE ADVISORY COMMITTEE (CCAC)**  
**Residential, Commercial and Industrial Sector TECHNICAL WORK GROUP**  
**(RCI TWG)**

Call #2, October 24, 2006, 2:00pm to 3:30pm

**Attendance:**

1. Technical Working Group members:
  - Terry Holzer      Yellowstone Valley Electric Cooperative
  - Krista Partridge      Kema
  - Dave Ryan      National Center for Appropriate Technology
  - Steve Loken      Center for Resource Building Technology
  
2. Center for Climate Strategies (CCS) staff:
  - Alison Bailie
  - Michael Lazarus
  - David Von Hippel
  
3. Montana Department of Environment Quality (MT DEQ) Liaison and Attendees:
  - Jim Boyer
  - Eric Merchant
  - Brian Green
  - Lou Moore
  - Lisa Peterson
  
4. Public Attendees: None
  
5. Observers: None

**Background documents:**

(all posted at [http://www.mtclimatechange.us/Residential\\_Commercial.cfm](http://www.mtclimatechange.us/Residential_Commercial.cfm))

1. Agenda
2. Summary of RCI TWG Call #1, 9/5/06
3. Powerpoint presentation for meeting
4. Revised Catalog of State Climate Mitigation Options
5. Options Description Template

**Discussion items and key issues:**

1. Call to order and Introduction of TWG members

David Von Hippel officially started the meeting at 2:00pm on October 24, 2006 with a roll call of TWG members and other attendees.

2. Review of Agenda

Michael Lazarus reviewed the agenda for and purpose of the Call referring to the PowerPoint presentation prepared for the teleconference.

3. Review of Summary of RCI Call #1

Michael Lazarus referred to the Summary for RCI Call #1, and reviewed the purpose of the call summaries in the TWG process. TWG members were asked to provide comments on the call summary, noting any suggested changes or additions, as applicable

4. Review of Montana GHG Inventory and Reference Case Projections 1990-2020

Alison Bailie presented a brief follow-up on several issues related to the draft Montana GHG Inventory and Reference Case Projections that are being investigated further, including the addition of emissions from aluminum production in the State to the inventory, implementing the “contract path” method of determining greenhouse gas emissions associated with electricity consumption, issues related to future fossil fuel consumption in Montana, and issues related to emissions from coal mining.

Concerns from the TWG members and DEQ staff included

- It was noted that a large plant for producing polycrystalline silicon is a major electricity user in Montana. DEQ staff will check as to whether direct emissions from this plant are significant.
- It was noted that CO<sub>2</sub> emissions from biomass-fired power plants and other large users of biomass fuels were not counted in the inventory. Michael Lazarus explained that this is due to the accounting conventions used in the inventory—specifically, that CO<sub>2</sub> emissions from biomass combustion are assumed to net to zero if the biomass is produced sustainably,

5. Review and discussion of catalog of potential state actions

David Von Hippel continued with the elements of the PowerPoint Presentation related to the consideration of policy options by the TWG, and specifically, the procedure for identifying high priorities for further elaboration and analysis of options, then turned the group’s attention to the Catalog of State Climate Mitigation Options (the “Options Catalog”) prepared by CCS as initial input to TWG discussions. He led the group through a review of the options included in the catalog, including options added or revised during previous TWG and CCAC meetings. Inputs on the suitability of various options were provided, and members expressed opinions on the priority of several options

Points of discussion included:

- The issue of affordability of Demand-side Management (DSM) programs, including issues of cross-subsidization between utility customer classes.

- Issues related to the allocation of funds collected through Public Benefits Charges.
- Montana's participation in existing regional market transformation programs.
- The desirability of builder training programs, and of programs for (and issues associated with) improvement of low-income housing, as well as implementation strategies for the latter.
- The importance of consumer education programs related to energy use.
- The use of fly ash as a component of cement.
- The importance of including gas DSM as well as electric DSM among the options considered.

6. Call to the public and Announcements

There was no public input to this meeting, and were no additional announcements

**Next steps and agreements:**

1. CCS will compile the input provided by TWG members during the call and update the catalog of options to reflect the changes.
2. CCS will prepare a draft "consolidation" of the catalog of options, retaining all options currently in the catalog, but combining similar options so as to produce a consolidated list. CCS will prepare a memo describing the consolidation, and offer the consolidated list to TWG members for their review and for use in balloting to help determine which options to designate as high priority for further elaboration and analysis. TWG members will then apply 10 "votes" to the consolidated list of options, CCS will compile the votes of members, and the results of the balloting will be discussed at the next TWG meeting.
3. DEQ will review available data related to potential emissions from the polycrystalline silicon plant.
4. CCS will provide the TWG with links to documents that describe effective DSM programs carried out in other states.
5. CCS will revise the GHG inventory and projections related to the topics discussed above by the next TWG meeting, if possible.
6. The next Teleconference Meeting of the RCI Technical Working group has been tentatively scheduled for 2 PM to 3:30 PM on Tuesday, November 14<sup>th</sup>. The CCS facilitators will send out e-mail confirming the date and time within by the first week in November. The main agenda items for meeting #3 will be the review and revision, as necessary, of the consolidation of mitigation options to be prepared by CCS, and of the initial balloting by the TWG to identify high-priority options for recommendation to the CCAC, and ultimately, for elaboration and analysis.
7. The next CCAC Meeting is scheduled to be on December 14, 2006.