



**MEETING SUMMARY**  
**MINNESOTA CLIMATE ACTION PLAN TECHNICAL WORK GROUP**

**Residential, Commercial, and Industrial Supply TWG Call #2, June 11, 2007, 3:30-5:00 pm**  
*Prepared by Bill Sierks and Bill Dougherty*

The meeting was called to order by Bill Dougherty of CCS staff a few minutes after 3:30 pm. In attendance were the following TWG Members:

- James Volanski
- David Berg (Greg Miller in attendance)
- Pat Perry
- Jeff Wilkes
- Charles Dayton
- John Kelley
- Rick Carter
- Jeff Muffat
- Mark Wolak
- Jeff Korsmo
- Doug Peterson
- Sheldon Strom
- Gary Connett
- John Carmody
- Cindy McComas (Karl Dewahl in attendance)
- Joseph Steffel

From MN state staff, the following were in attendance:

- Edward Garvey, Commerce
- Janet Streff, Commerce
- David Thornton, MPCA
- Todd Biewen, MPCA
- Rebecca Walter, MPCA
- Peter Ciborowski, MPCA
- Laura Millberg, MPCA
- Kevin McDonald, MPCA

From the public, the following individuals were in attendance:

- Dave Pierce, AIA (Perkins, Will)
- Doug Carnival, (McGrann, Shea)
- Megan Dobratz, Minnesota Environmental Initiative
- Larry Johnston, SMMPA

From CCS staff, the following were in attendance:

- Bill Dougherty

TWG members not in attendance were:

- Bruno Zagar - FDL
- Ann Glumac - Duluth
- Jonathan Holmes - Mittal
- Nim Treager - STP Travelers

The background documents that were used as the basis for the discussions were posted on the website in advance of the meeting. These included the following documents:

- Meeting Notice and Agenda
- Draft Summary of RCI TWG Call #1
- CCS, PowerPoint Presentation to the RCI TWG
- Brief RCI option descriptions
- Glossary of terms
- List of acronyms

The agenda of this meeting was as follows:

- Call to order and roll call
- Review and approval of prior call summary
- Review link between RCI TWG and MCCAG
- Review and discussion of the catalog of state policy options
- Draft RCI GHG Inventory and Forecast
- Proposed date, time, and agenda items for next meeting
- Call to the public
- Announcements

Bill Dougherty called the meeting to order and took the roll call (as summarized above). The group then reviewed and approved the meeting agenda, and next discussed and approved the draft meeting summary of the first RCI TWG meeting on May 17, 2007. A few corrections were made to the meeting summary – Greg Miller substituted for David Berg on the first call, and Pat Perry from Target joined the first call after the roll call was completed.

Then began a review of the slide presentation. Some of the key points that emerged from this review are summarized below

- The relationship between the TWG and the MCCAG was reviewed, noting that the work of the RCI TWG was to provide inputs to the CCAG and to act upon guidance and questions provided by the CCAG.

- The status of the RCI catalog was reviewed. Bill Dougherty emphasized that it is a working document and that the TWG's key role at this juncture in the process is to offer any additions and revisions as needed. There was a question about how CHP and the production of non-electric heat/energy were handled, and the discussion was that these were part of the RCI scope.
- The substance of the measures in the RCI catalog was reviewed. Bill Dougherty noted that the TWG was not expected to prioritize or drop any options at this time; the main focus being to ensure that the RCI catalog of actions was complete and understandable to the TWG and any questions and/or proposed revisions addressed. This was important since the RCI catalog would be discussed by the full MCCAG on Thursday June 14.
- The rest of the meeting was organized in two parts, the first being a discussion of the major categories of RCI option (9 in all), the second being a discussion of any additional options that TWG members believed should be added to the list.
- **RCI-1 ENERGY EFFICIENCY PROGRAMS, FUNDS, AND GOALS.** The main points emerging from this discussion are summarized in the bullets below.
  - ❑ The TWG noted that a number of the actions and strategies in this category could fall within more than 1 category. Bill Dougherty noted that the group could collapse the options or re-organize them as the work proceeded.
  - ❑ The notes section should be expanded under strategies 1.2, 1.6 and 1.7, all utilities (only Xcel is noted currently) have conservation programs.
  - ❑ The role of ongoing actions in the catalog was discussed. Bill D. responded that the catalog should note existing actions, and that TWG must decide if those actions could be strengthened and go above and beyond existing efforts by scope changes, incentives, new legislation or policy.
  - ❑ DSM should look at 2 issues (a) load management (controlling demand), and (2) energy efficiency. Inefficient resources used at peak could be eliminated through better load management. Analysis by the TWG was very important; the group must develop a consistent framework that is transparent and replicable to address these and other issues.
- **RCI-2 BUILDINGS.** The main points emerging from this discussion are summarized in the bullets below.
  - ❑ Potential action areas were identified, including adding a state building code based on efficiency; enacting a residential building code (with energy focus) and an effort at statewide implementation. The B3 benchmarking efforts will impact actions 2.3 and 2.6 and go well beyond.
- **RCI-3 APPLIANCE STANDARDS.** The main points emerging from this discussion are summarized in the bullets below.

- ❑ There was a suggestion that high-efficiency appliances be required at time of house sales; also discussion on how to upgrade efficiency of appliances through rebates, home sales, and other options.
- RCI-4 EDUCATION AND OUTREACH. The main points emerging from this discussion are summarized in the bullets below.
  - ❑ Bill Dougherty noted that education efforts typically don't get quantified. They can be used to complement most other actions in the catalog. The group talked about specifically adding community outreach, although it was noted that this was also identified by the cross cutting team as an action in their catalog. Further, Education aimed at transportation issues was being treated in the TLU TWG. There was a suggestion of requiring an energy benchmarking or disclosure for a building at time of sale, and working with energy efficiency mortgages and funding for energy improvements as incentives. In connection with 4.1, a suggestion was made to have emission data available for appliances.
- RCI-5 PRICING AND PURCHASING. The main points emerging from this discussion are summarized in the bullets below.
  - ❑ The group agreed to modify the RCI-5 category from "Pricing and Purchasing" to "Pricing and Purchasing Strategies."
  - ❑ The group discussed green power purchasing programs. The group questioned whether, in light of the new RPS legislation, the utilities probably had all the renewable energy that they could handle, and that GPP was likely unnecessary and not going to significantly impact renewable production. A suggestion was made to develop GHG pricing incentives for incremental and base purchases. Also, the suggestion was that 5.4 must address and include the issue of pricing incentives.
- RCI-6 CUSTOMER-SITED DISTRIBUTED ENERGY AND COMBINED HEAT AND POWER. The main points emerging from this discussion are summarized in the bullets below.
  - ❑ There were a number of suggested additions for this category of options (i.e., renewable DG incentives, geothermal heat pumps, advisory committee for new technologies) Bill Dougherty suggested that additions to the list be provided to him, and that he would distribute to the group.
- RCI-7 NON-ENERGY EMISSIONS (HFCS, PFCS, SF<sub>6</sub>, CO<sub>2</sub> PROCESS EMISSIONS). The main points emerging from this discussion are summarized in the bullets below.
  - ❑ The TWG noted that the inventory and forecast showed a huge increase in process emissions, suggesting that there could be a recommendation from the TWG that the PCA do rulemaking to eliminate using GHG chemicals where feasible and cost-effective alternatives exist. This would either amend action 7.4 or be a new option.
- RCI-8 GHG EMISSIONS-SPECIFIC GOALS AND POLICIES. The main points emerging from this discussion are summarized in the bullets below.

- A clarifying question was raised concerning what was meant by “mandatory” in action 8.2. Given that the scheduled time for the meeting was almost complete, it was decided to postpone discussion of this and other questions on RCI category 9 to the next meeting.
- TWG members agreed to send their suggestions and additions to Bill Dougherty who would then compile those suggestions into a set of new proposed actions and circulate to the group for comments. After all comments were received, the additions would be incorporated as appropriate into a revised RCI catalog to present at the upcoming MCCAG meeting.

**The next ES TWG meeting was decided to be on 26 June 2007 from 3:30 to 5:00 PM.**

The meeting was adjourned shortly after 5:00 PM.