



MINNESOTA
Climate Change
Advisory Group



Minnesota Climate Change Advisory Group

RCI Technical Work Group Meeting #4
July 17, 2007

Minnesota Department of Commerce
Minnesota Pollution Control Agency
The Center for Climate Strategies

Today's Agenda

- Call to order
- Roll Call of TWG members and public
- Review and approval of summary of TWG call #2 (June 11, 2007)(on website)
- Review and approval of summary of TWG Meeting #3 (July 2, 2007)
- Review of Balloting Procedure
- Discussion of Results of Prioritization
- Continued Review of MN GHG Inventory & Forecast
- Proposed agenda, time and date for NEXT meeting
- Public input and announcements

Roll Call

- Call to order
- Roll Call of TWG members
- Roll Call of MN State Agency Staff
- Roll Call of Members of the Public

Communication within TWG

- TWG meetings are primarily for interaction among MCCAG TWG members;
- Other participants should refrain from intervening during MCCAG discussions, until they are called upon (note new Call- In Service);
- Agendas for each call will leave time for input from State agency staff and members of the public;
- State staff with information requiring urgent input, should consult with the State liaison to the TWG (Dave Richfield), before intervening in TWG discussions.

Prior Call Summary

- Review and Approval of the RCI Call #3 Summary (June 11, 2007)
- Review and Approval of the RCI Meeting/Call #4 Summary (July 2, 2007)

Stepwise Planning Process

1. Develop inventory and forecast of emissions
2. Identify a full range of possible actions
3. Identify initial priorities for analysis
4. Develop straw proposals
5. Quantify GHG reductions and costs/savings
6. Evaluate externalities, feasibility issues
7. Develop alternatives to address barriers
8. Aggregate results
9. Iterate to final agreements
10. Finalize and report recommendations

Review of Balloting Procedure

- Nominal ratings and notes on catalog;
- CCS distributed a ballot via email to the TWG;
- TWG voted on 10 priorities & returned ballot to CCS;
- CCS tallied the votes and reviews results during this TWG call;
- MCCAG reviews and approves TWG priorities;
- TWG develops straw proposals for policy design.

Top 10 Priorities

1. 1.1 Maximize savings from utility Conservation Improvement Program
2. 2.1 Improved uniform state-wide building codes for (a) improved energy efficiency; (b) reduced greenhouse gases; and (c) structural soundness
3. 2.4 Green Building Guidelines and Standards
4. 6.2 Incentives & resources to promote combined heat & power (aka “cogen”)
5. 1.6 Develop non-utility strategies and incentives to encourage energy efficiency and reduce greenhouse gas emissions
6. 7.3 Program to reduce non-energy emissions of high potential greenhouse gases

Top 10 Priorities (continued)

7. 1.9 Conservation Improvement-type Program for propane and fuel oil efficiency
8. 4.3 Energy performance disclosure: (a) by sellers of buildings at time of sale; (b) by utilities upon request by buyer or lessee; and (c) by utilities in all energy billing.
9. Tie:
 - 3.1 Support strong federal appliance standards and require high state standards for appliances not preempted by federal standards
 - 6.3 Promote technology-specific applications that reduce GHG emissions

The Second Tier Priorities

11. 4.1 Consumer education programs
12. 9.7 Implement carbon-based packaging standards
13. 1.5 Carbon screening protocols
14. Tie:
 - 1.10 Reduce costs for or implement energy modeling for all public buildings in Minnesota
 - 6.1 Incentives for renewable distributed generation to achieve 10% in public buildings and 5% in private buildings

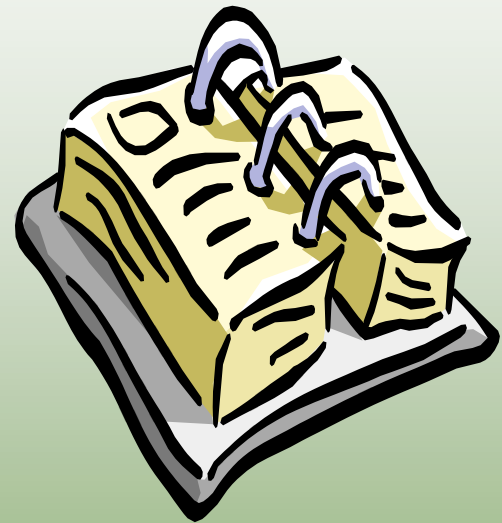
Further Review of Draft RCI GHG Inventory and Forecast

- GHG inventory and forecast spreadsheets available on the RCI TWG website
- During MCCAG process will:
 - Extend forecast to 2025
 - Incorporate revisions recommended by TWG as approved by MCCAG
 - Incorporate effects of “Next Generation Energy Act of 2007”, as applicable to RCI sectors

Next Steps

Next TWG Meeting

- Teleconference #4
- Agenda:
 - Review results of MNCCAG Meeting
 - Develop Straw Proposals
- Next Call: August 23rd from 3 to 5 PM
- Future Teleconferences:
 - September 13th from 3 to 5 PM
 - October 9th from 3 to 5 PM
 - October 23rd from 3 to 5 PM
 - November 28th from 3 to 5 PM
 - December 6th from 3 to 5 PM



Public Input, Announcements