



**MINNESOTA**  
Climate Change  
Advisory Group



# Minnesota Climate Change Advisory Group

Energy Supply Technical Work Group  
Teleconference #5

August 23, 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 Meeting #4 (July 19, 2007)
- Review of Outcomes from MN CCAG Meeting
- Discussion of Process for Developing Straw Proposals
- Focus on MN GHG Inventory & Forecast Issues
- Proposed agenda, time and date for NEXT meeting
- Public input and announcements
- GHG Inventory & forecast planning discussion

# Roll Call

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

# Prior Call Summary

- Review and Approval of the RCI Teleconference #5 Summary (July 19, 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 MN CCAG Outcomes

At August 2nd Meeting

- CCAG reviewed prioritization of the options from TWG
- CCAG made the following changes and/or suggestions:
  - Re: ES-X Cap-and-Trade: Need to consider scope of cap-and-trade beyond energy sectors;
  - Re: ES-3 Improvements to Existing Plants: focus should be on measures that improve the GHG profile of the existing plant
  - Re: ES-4 Transmission System Upgrades: need to include natural gas distribution in this option, and consider renewable energy issues
  - Re: ES-5 RPS or EPS: one issue is whether the RPS/EPS will go beyond the statute
  - Re: ES-6 Nuclear Power Support: need to consider true cost of nuclear power and other options
- CCAG passed all suggested options back to TWG for development of straw proposals.

# Sample Policy Option Template ES-X Cap-and-Trade Program

- **Policy Description**
- **Policy Design**
  - **Goals:**
  - **Timing:**
  - **Parties Involved:**
  - **Other:**
- **Implementation Mechanisms**
- **Related Policies/Programs in Place**

# Straw Proposal Groups

- Ideally 3 or 4 individuals
- Work together between TWG meetings to develop straw proposals
- Volunteers?

# Focus on ES GHG Inventory and Forecast

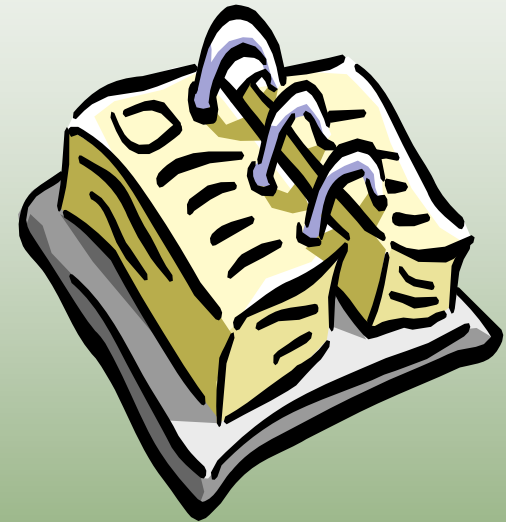
- GHG inventory and forecast spreadsheets available on the ES TWG website
- Issues:

# Next Steps

- Develop Initial Straw Proposals
- Advance Discussion on Inventory & Forecast

# Next TWG Meeting

- Teleconference #6
- Agenda:
  - Presentation of Straw Proposals by TWG
  - Discussion of Straw Proposals
- **September 13th from 9:00 to 11:00 AM**
- Future Teleconferences:
  - September 11th 9 to 11 AM
  - October 25th from 9 to 11 AM
  - November 28th from 9 to 11 AM
  - December 6th from 9 to 11 AM



# Public Input, Announcements

# Inventory & Forecast Discussion

- Purpose of discussion
- Time
- Planning for future TWG meeting
- Agenda for today – identify key questions and issues for future discussion and resolution