



**SUMMARY OF TELECONFERENCE MEETING #5  
CROSS CUTTING (CC) ISSUES TECHNICAL WORKING GROUP (TWG)  
July 11, 2006**

**Attendance:**

1. TWG Members:
  - Daniel Besse, Local Official
  - Dee Eggers, UNC-Asheville
  - Steven Kalland, NC Solar Center
  - Ulla Reeves, Southern Alliance for Clean Energy
  - Kathryn Eggers for Michael Shore, Environmental Defense
2. NC Department of Air Quality (DAQ):
  - Jim Southerland, Liaison to CC TWG
  - Charles O. Davis
  - Brock Nicholson
  - Kim Garnett
3. Center for Climate Strategies (CCS):
  - Ken Colburn, TWG Co-Facilitator
  - Randy Strait, TWG Co-Facilitator
4. Other Attendees:
  - Jim Havens, Global Warming Initiatives
  - James DeRosa, Global Warming Initiatives
  - Chris Beckham, SC Dept. of Health and Environmental Control
  - Sonya Younger, SC Dept. of Health and Environmental Control

**Background documents:**

(all posted at: [http://www.ncclimatechange.us/Cross\\_Cutting.cfm](http://www.ncclimatechange.us/Cross_Cutting.cfm).)

1. Meeting Notice & Agenda (including provisions for public access)
2. Summary for Call #4 (June 20, 2006)
3. PowerPoint© presentation for meeting
4. Catalog of State Climate Mitigation Options
5. Design Characteristics Matrix for Reporting
6. Design Characteristics Matrix for Registries
7. Design Characteristics Matrix for Education

### **Discussion items and key issues:**

This was the fifth conference call of the CC TWG.

1. Ken Colburn called the meeting to order, completed the roll call and reviewed the agenda and plans for the call.
2. Members of the CC TWG approved without objection the summary for Call #4.
3. Goals for the July 25, 2006 CAPAG Meeting: Ken briefly reviewed the six options on the catalog (i.e., inventories and forecasting, reporting, registry, education, adaptation, and options for goals or targets) which the TWG agreed during Call #4 to recommend to CAPAG for development of design characteristics.

A member asked who is responsible for addressing the cost of financing the implementation of mitigation options. It would be useful if CAPAG can provide information that identifies the financing costs of mitigation options in order for the state to fund the programs. Ken noted that each TWG is responsible for addressing this issue during the development of the design characteristics of each option. It was suggested that if the responsibility for addressing this issue is unclear that the issue should be discussed at the CAPAG meeting, and the TWG agreed.

4. Development of Design Characteristics of Options: The TWG agreed to start work on developing the design characteristics for inventories, forecasting and reporting during Call #5. The TWG also agreed to work on developing design characteristics for the options sequentially as they are ordered in the catalog. The TWG agreed to delay discussion of Options for Goals or Targets (In Support of the Legislative Commission on Global Climate Change [LCGCC]) until its September meeting.
5. Design Characteristics of Inventories and Forecasting: DAQ noted that it is pursuing a requirement for permitted stationary sources to report GHG emissions to DAQ starting with the 2008 inventory. Power plants are already reporting CO<sub>2</sub> emissions to the U.S. EPA and other agencies.

The TWG discussed and agreed on the following characteristics:

- Pollutant Coverage: Include the six Kyoto GHGs which are: carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), sulfur hexafluoride (SF<sub>6</sub>), hydrofluorocarbons (HFCs), and perfluorocarbons (PFCs) (note that HFCs and PFCs contain multiple compounds). No decision was made on if black carbon should be included or not.
- Source Coverage: Include all sources (both state regulated and non-regulated sources) and sinks.
- Geographic Coverage: Statewide.
- Agency Responsibility: The DAQ should be responsible for all data manipulation and analysis for preparing inventories and forecasts for all sectors/sources because DAQ has the broad expertise needed to support these

functions. Other state agencies will need to be responsive to DAQ's requests for data.

- Frequency: The TWG recommends that the inventory and forecast be prepared annually and distributed to the Environmental Management Commission (Governor, ERC, Feds, Public??) and appropriate state agencies annually. An option for preparing the inventory for up to 5-year intervals was also discussed. The TWG noted that it may be important to have annual reporting to participate in multi-state efforts. The TWG agreed that DAQ should be allowed to use "best-estimates" of emissions for sources for which annual activity may not be available (e.g., sources for which reporting is determined to be voluntary).
  - Reassessment of Characteristics: The DAQ should have the authority to reassess every 5 years the need for developing and reporting inventories and forecasts on an annual basis.
  - Funding: DAQ will need to be given appropriate funding to support GHG inventories and forecasts.
  - Forecast Period: The TWG discussed preparing the forecast for appropriate mid-term (e.g., 10-20 years) and long-term (20, 30, 50 years ) periods. Anything shorter than 10 years is a short term projection. However, the TWG agreed to further discuss the timeframe for the forecast period. The forecast should be prepared iteratively as opposed to a one-time effort.
6. Design Characteristics of Reporting: Ken provided an overview of the design characteristics for reporting at the end of the call.
  7. Agenda for Next Call: The CC TWG agreed to work on developing the characteristics for the following options during the next call: Inventories and Forecasting, Reporting, Registry, Education, and Adaptation.
  8. Call to the Public: Public participants did not provide any comments.
  9. Announcements: There were no announcements.

**Next steps:**

1. The next CC TWG call (#6) will be **Thursday, August 10, from 9:30–11:00 a.m. Eastern time**. Action: CCS will notify the full TWG of the date and time for call #6 and send a reminder out several days before the call.
2. Action: CCS will revise the "Catalog of State Climate Mitigation Options" based on comments received from TWG members prior to the next TWG meeting.
3. Inventories and Forecasting Options: Action: CCS will prepare a draft design characteristics matrix for inventories and forecasting incorporating the TWG's recommendations provided during Call #5. This matrix will also include other design elements not previously discussed by the TWG for review and discussion during Call #6.

4. Reporting and Registry Options: Action: CCS will review and revise the design characteristics matrix for each of these catalog options based on comments received from TWG members prior to the next TWG meeting.
5. Education Option: Action: CCS will review and revise the audience-based summary to the TWG to use as a starting point for organizing and prioritizing characteristics of the education option.