



MEETING SUMMARY
NORTH CAROLINA CLIMATE ACTION PLAN (CAPAG) TECHNICAL WORK
GROUP (TWG)
Residential, Commercial and Industrial (RCI) TWG Call #6,
August 10, 2006, 1:00PM-2:30PM

Attendance:

1. Technical Working Group members:

John Calgani	NCDENR Pollution Prevention and Sustainability
Joe Harwood	Duke Energy
Len Hoey	NC State Energy Office
Ed Kreul	International Paper
James McLawhorn	NC Utilities Commission
Dona Stankus	NC Solar Center
Ralph Taylor	State Construction Office
Jeff Tiller	Appalachian State University
Mitch Williams	Progress Energy
2. Center for Climate Strategies (CCS) staff:

Alison Bailie	TWG Facilitator
David Von Hippel	TWG Facilitator
3. North Carolina Department of Environment and Natural Resources Division of Air Quality (DENR DAQ) Liaison and Attendees:

Charles Davis	RCI TWG Liaison
Brock Nicholson	
James Southland	
4. Public Attendees: None
5. Observers:

Leslie Coolidge	South Carolina Bureau of Air Quality
-----------------	--------------------------------------

Background documents:

(posted at [http://www.ncclimatechange.us/Residential Commercial Industrial.cfm](http://www.ncclimatechange.us/Residential_Commercial_Industrial.cfm))

1. Meeting Notice and Agenda,
2. Summary for Call #5
3. PowerPoint presentation for meeting,
4. Mitigation Option Description template
5. Assignment of Priority RCI Options for Elaboration and Analysis (updated)
6. Combined Reference Listing of Priority Options, Consolidated Options, and Catalog of Options

Agenda

1. Call to Order
2. Roll Call of TWG Members
3. Review and approval of last call summary (July 10, 2006)
4. Review of results of CAPAG Meeting (July 25, 2006)
5. Complete process of discussion of consolidated options
6. Review of next steps for development of straw proposals for draft mitigation.
7. Update on Inventory and forecast issues, including follow up information requests
8. Comments from Public
9. Proposed agenda items for next meeting (scheduling)
10. Announcements

Discussion Items and Key Issues:

1. Call to order and introduction of Technical Workgroup Members (TWG) and Attendees
David Von Hippel started the meeting at 1:00 pm on August 10, 2006 with attendee roll call and introductions of members and other attendees. David reviewed the agenda for the day's meeting and asked for comments on the Meeting Summary for the July 10, 2006 Technical Workgroup Meeting. No comments were offered, and the Meeting Summary was accepted as drafted.
2. David led discussions concerning the last two items on the "consolidated" mitigation options list that had not been fully considered by the TWG during the July 10, 2006 meeting. The options discussed, and the conclusions of those discussions, were as follows:
 - a. Option H.4: Voluntary Emissions Reduction Measures. This mitigation option received 2 votes during the TWG's initial round of prioritization decisions, prior to the July 10 TWG call. During the August 10 call, it was agreed that as appropriate this option would be considered as an implementation item for several other options already designated as High Priority Mitigation Options, namely options RCI-4, RCI-10, and RCI-11.

- b. Option I.1: Water Use Reduction. This mitigation option received 3 votes during the original options prioritization step. Discussion on this option during the 8/10 meeting centered on the energy required to pump, move, and treat drinking, process, and wastewater. It was agreed amongst attendees that water-related energy use should be a specific focus area under high-priority mitigation option RCI-5 (“Improved Appliance and Equipment Efficiency Standards”) as well as under RCI-11. In a related discussion, a TWG member asked that the use of captured methane in sewage treatment plants for combined heat and power be an explicit part of RCI-10.
3. David led a discussion on the utilization of the Options Description Template that will be used to elaborate the elements of each of 11 High Priority RCI Mitigation Options for North Carolina, and, ultimately, will serve to summarize the projected GHG savings and costs, as well as outputs of the options analysis process, for each option. It was suggested and that perhaps rather than a single “Additional Benefits and Costs” heading in the Template, both Benefits and Costs should have separate headings. Ultimately it was agreed that rather than change the template in use by all groups, “Benefits” and “Costs” would be subheadings used to organize text under the overall “Additional Benefits and Costs” heading.
4. David led the discussions regarding the organization of volunteers among the Technical Workgroup Members to develop Options Descriptions within the template for each of the 11 high-priority RCI options. After consideration of various options for the volunteer effort, the group decided to prepare policy descriptions in plenary (full-group) TWG meetings, the first being a standard TWG call on August 31 (see below), and the second being an extended (4 hours or more) in-person (with conference call access for those who cannot attend in person) meeting to be held, tentatively, on September 26, likely in the Raleigh area, but with venue and time to be determined. The face- to-face meeting between the technical workgroup members was judged to be very beneficial as the Mitigation Option Descriptions are developed and finalized for presentation. It was agreed that further arrangements for this meeting would be discussed further during the next teleconference. David and Alison noted that input between meetings from TWG members on specific options, including drafts of text to be placed in Options Descriptions, would be welcome.
5. In preparation for these meetings:
 - a. David and Alison agreed to consolidate the information from all prior discussions and priorities into the Options Description Template, along with, as appropriate, generic text that the TWG might consider as a starting point for options description development.
 - b. Len Hoey of the North Carolina Sate Energy Office agreed to review each option and add into “Related Policies/Programs in Place” element of the Options Descriptions Template some text on ongoing programs and policies of which his office is aware. This ongoing or in-place program information is valuable in understanding and developing forecast and savings for both existing programs and

policies, and also valuable in assisting the technical workgroup in developing Cost and Benefits beyond the existing programs (that is, for the high-priority RCI options themselves. Len Hoey plans to complete this assessment of existing programs and policies by mid-September.

6. Call to the Public for Comments and Announcements. There was no public input to this meeting
7. The next teleconference of the workgroup was scheduled for **Thursday August 31, 2006 from 1:00 p.m. to 2:30 pm.**