



**DRAFT MEETING SUMMARY
ENERGY SUPPLY TECHNICAL WORK GROUP**

Call #1, April 11, 2006, 9 – 10:30 AM

Attendance:

1. TWG Members
 - Caroline Choi – Progress Energy
 - Marion Deerhake – Environmental Management Commission
 - George Everett – Duke Power
 - Alex Hobbs – NC Solar Center
 - Tom Lam – Public Staff NC Utilities Commission
 - Marily Nixon – Southern Environmental Law Center
 - Larry Shirley – NC State Energy Office
 - Michael Shore – Environmental Defense
 - Stephen Smith – Southern Alliance for Clean Energy
 - Tim Tobin – Carolina Green Energy
 - Ivan Urlaub – NC Sustainable Energy
2. DENR Staff
 - Jim Southerland
 - Brock Nicholson
 - Phyllis Jones
 - Kim Garnett
3. CCS Staff
 - Bill Dougherty
 - Tom Peterson
4. Other Attendees
 - Mitch Williams – Progress Energy
 - Mara Sakura – Piedmont Natural Gas (for Matthew Kanes)
 - Ward Lenz – NC GreenPower (for Bob Koger)
 - Elise Cox - Public Staff NC Utilities Commission
 - Roy Ericson – NC Utilities Commission (for Jo Anne Sanford)
 - Steve Picot – SRI
 - Heather Preston – SC DEHC

Background Documents:

(unless noted, all posted at http://www.ncclimatechange.us/Energy_Supply.cfm)

1. Meeting Notice and Agenda
2. PowerPoint Presentation for Call # 1
3. Catalog of State Mitigation Options
4. NC Greenhouse Gas Inventory and Forecast
5. Memo on CAPAG Process -
<http://www.ncclimatechange.us/ewebeditpro/items/O120F7820.pdf>

Discussion items and key issues:

Review of process and workgroup structure

- CAPAG will meet a total of 6 times through 2007. First meeting was February 16, 2006, and the next meeting is to be on May 23, 2006.
- We anticipate at least two Technical Work Group (TWG) calls between each meeting.
- There are five sector based TWGs
- Reviewed TWG tasks and the relationship between the CAPAG, TWGs and the NC Legislative Commission on Global Warming.
- Public will have ongoing opportunities for input into the process also. The public is invited to attend the CAPAG meetings and a room is available in NC DAQ's Parker Lincoln building so that they may participate in each of the TWG calls.

Summary of discussion:

- Action items for first TWG meeting - Review and expand the list of potential mitigation options; Identify initial priorities for analysis; Review GHG Inventory and Forecast document; Review memo on CAPAG process.
- It was suggested that the review of the Inventory and Forecast should be tackled first, because it seemed to be necessary to have that document correct before we could move forward with the mitigation options. Tom Peterson responded by saying that the inventory is not a detailed small-scale inventory to be used for a compliance baseline, but is general information forecasts designed to provide a detailed understanding of emissions in the state. Tom also stated that as this process moves forward there is no guarantee, expectation or requirement that reductions will be proportional to the sources of emissions. In a sense the inventory and mitigation options are two separate questions and they should both move forward on a dual track.
- Discussed a graphic of the Carbon Cycle provided by the IGCC. As a result of this discussion the following additional information was requested.
 1. Alex Hobbs will supply the version of the IGCC graphic that still contains the numbers.
 2. Tom Peterson will provide information showing the thermal impact of each pollutant discussed on slide 12.
 3. Tom Peterson will provide to the group EPA data on the GHG contribution for animals/mammals.
 4. Tom Peterson will also provide carbon lifecycle data tables.

Next steps:

- Next call scheduled for May 4, 2006, at 9:00-10:30
- Members are asked to begin reviewing the list of mitigation options in order to develop and understanding of each option by the next call and to begin to add additional options to the list. The list of mitigation options is broken down by sector and there is a range of possible implementation mechanisms for each option.