

*North Carolina*

**Climate Action Plan Advisory Group**

Energy Supply  
Technical Work Group  
Teleconference Meeting #6

August 1, 2006



# Today's Agenda

- Call to order
- Roll Call of TWG members and public
- Review and approval of summary of TWG call #5 (July 11, 2006)
- Review of results of CAPAG meeting
- Review of next steps for development of straw proposals for draft mitigation options
- Review of progress on inventory and forecast issues, including follow-up to information requests
- Call to the public
- Proposed agenda items, date and time for next meeting
- Announcements

# Results of CAPAG meeting

- Priorities for Analysis – 1st Tier
  - ES-1: Renewable Energy Incentives (biomass, wind, solar, geothermal) to include biomass and hydro
  - ES-2: Environmental Portfolio Standard (renewables and energy efficiency) with renewable energy credit trading
  - ES-3: Removing Barriers to CHP and Clean DG (including utility rate and interconnection barriers, financing, information, etc.)
  - ES-4: CO2 Tax with an amendment to add “CO2 tax and/or cap-and-trade (including covering sources including fossil, renewable, and nuclear on life-cycle basis)” in place of “CO2 tax” alone
  - ES-5: Legislative changes requiring the NC Utility Commission to consider environmental and other factors

# Results of CAPAG meeting

- Priorities for Analysis – 1st Tier continued
  - ES-6: Incentives for advanced coal, including IGCC and carbon capture and storage (CCS) with an amendment to expand it to include utility commission policies such as rate reform and restructuring, energy efficiency as a resource, and environment as a criteria for decision making. Note that this change incorporates the proposed ES-14
  - ES-7: Public Benefit Charge on electricity bills for funding efficiency activities
  - ES-8: Waste to Energy after specifying that the intent was to include construction and demolition waste (CDW) and agricultural waste, but not municipal solid waste
  - ES-9: Incentives for Combined Heat and Power (CHP) and Clean DG
  - ES-10: NC Greenpower renewable resources program, providing the focus is on improving, expanding, and enhancing NC Greenpower because of its relatively weak past experience.

# Results of CAPAG meeting

- Priorities for Analysis – 2nd Tier
  - ES-11: Green Power Purchases and Marketing
  - ES-12: Fuel Cell Development Incentives
  - ES-13: Environmental (emissions) Disclosure
  - ES-15: Research & Development for Renewable Technologies

# Next Steps for ES TWG

- Volunteers draft straw proposals for the design of mitigation options using proposed template
  - Goal levels, timing, coverage of parties
- Continue to review and suggest revisions to the emissions inventory & forecast, if/as needed
- Prepare progress update for next CAPAG meeting

# Draft Mitigation Option Template

- Policy Description
- Policy Design
  - Goals:
  - Timing:
  - Coverage of parties:
  - Other
- Potential Implementation Mechanisms
- Related Policies/Programs in Place
- Types(s) of GHG Reductions

# Inventory and Forecast Update

- Consumption and Production based emissions estimates for the electric power sector:
  - Action: George Everett and Vicky Will have provided information and data to help shed light on the question of imports and exports of power.
  - Action: Any TWG members who would like to provide alternate assumptions are welcome to provide. To the degree possible, this new information will be taken into account and a heuristic approach will be developed for use in the upcoming analysis of the options.

# Public Input, Announcements

# Next TWG Call

- Agenda
  - Review of draft mitigation option straw proposals
  - Review of inventory and forecast updates and issues, if/as needed
- Time and date