

*North Carolina*

**Climate Action Plan Advisory Group**

# Residential, Commercial and Industrial Technical Work Group Teleconference Meeting #9

January 9, 2007



# Today's Agenda

- Call to order
- Roll Call of TWG members and public
- Review and approval of summary of TWG call #8 (September 26, 2006)
- Review of TWG Option Descriptions, including current status of text, comments and suggestions offered by CAPAG members during October 12, 2006 meeting, initial results of analysis of GHG benefits and costs of Options
- Review of next steps for development of text and analysis of Mitigation Options, including preparation for the upcoming (1/24/07) CAPAG meeting
- Update on inventory and forecast issues, as time allows
- Comments from the Public
- Proposed agenda items for next meeting
- Announcements

# Priority RCI Options: CAPAG- Approved

- Review of RCI Priorities for Analysis
  - RCI-1: Demand Side Management Programs for Residential, Commercial and Industrial sectors
  - RCI-2: Expand Energy Efficiency Funds
  - RCI-3: Energy Efficiency Requirements
  - RCI-4: Market Transformation and Technology Development Programs
  - RCI-5: Improved Appliance and Equipment Efficiency Standards
  - RCI-6: Building Energy Codes
  - RCI-7: “Beyond Code” Building Design Incentives and Mandatory Programs, Incorporating Local Building Materials and Advanced Construction

# Priority RCI Options: CAPAG- Approved

- Review of RCI Priorities for Analysis (continued)
  - RCI-8: Education: Consumers, Primary/Secondary School, Post-secondary and Specialist Education for Building Energy Efficiency Experts and Related Trades, Post-secondary College and University Programs
  - RCI-9: Green Power Purchasing and Bulk Purchasing Programs for Energy Efficiency or Other Equipment
  - RCI-10: Distributed (consumer-sited) Renewable and Clean Fossil Fuel Power Generation
  - RCI-11: Residential, Commercial, and Industrial Energy and Emissions Audits and Recommended Measure Implementation

# Status of Mitigation Options Descriptions

- Draft Text Complete for Most Options for Key Template Elements
  - Some questions as to approach, goals, and timing remain (see yellow highlights in Options Description Document), including questions from the CAPAG, for TWG discussion
- CCS has prepared initial draft analyses for all options except RCI-8 (not to be quantified)
  - Emphasis on analyses to-date has been to develop analytical structure with rough assumptions for review by TWG
  - Initial results are in summary table, in tables in each Option Description, and in Annex B (workpapers)

# Status of Mitigation Options Descriptions

- Next Steps on Text of Options Descriptions
  - Make decisions on key goals and timing parameters, including responding to CAPAG comments
  - Add or edit text as needed to relevant sections of template
- Next Steps on Analysis
  - TWG review of analysis thus far—provide suggestions for revision, and in particular data/data sources to improve estimates of parameters
  - Consider how to calculate “overlap” between options
  - Respond to CAPAG comments from 1/24/07 meeting on RCI Options analysis

# Status of Mitigation Options Descriptions

- Next Steps: Preparation for CAPAG Meeting
  - Update Descriptions, analysis based on results of TWG call and follow-up communications
  - Make updated descriptions and analysis available by one week before CAPAG meeting
  - Goal is to obtain CAPAG comments, approval on at least most elements of, and approach to analysis for, RCI Mitigation Options

# Review of Draft Mitigation Option Template (First 5 elements)

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

# Review of Draft Mitigation Option Template

- Additional Elements:
  - Estimated GHG Savings and Costs
  - Key Uncertainties
  - Additional Benefits and Costs
    - List as separate sub-categories
  - Feasibility Issues
  - Status of Group Approval
  - Level of Group Support
  - Barriers to Consensus

# Update on RCI Inventory and Forecast Issues

- Concerns from RCI TWG members as discussed at earlier meetings
  - Do projections include SIPS activities, to reduce local air pollution, that would also reduced GHG emissions?
  - Can results be altered to include recognition of contribution of Ozone Depleting Substances (ODS) to GHG emissions?

# Public Input, Announcements

- Public Input?
- Announcements?

# Next TWG Meeting/Call

- Agenda
  - Review outcomes from CAPAG Meeting of 1/24/07
  - Continued work on Options Descriptions and Design, focusing on completing text and revising analyses
  - Further review of inventory and forecast issues (if needed)