



South Carolina Climate, Energy & Commerce Advisory Committee

Meeting #3, August 22, 2007

Office of the Governor

The Center for Climate Strategies

Welcome and Introductions

- Governor's Office
- Chairman, Honorable Rep. Ben Hagood
- State Agencies
- Climate, Energy & Commerce Advisory Committee (CECAC)
- Members of the Public
- Center for Climate Strategies

Agenda

- Introductions and review of day's agenda
- Approval of draft summary of CECAC Meeting #2
- Review of CECAC process status and next steps
- Review and approval of draft suggested priorities for analysis of State actions
- Review and discussion of South Carolina's Draft GHG Inventory and Forecast
- Next Steps for CECAC and Technical Work Groups (TWGs)
- Agenda, Time and Date for Next Meeting(s)
- Public Input and Announcements

Stepwise Planning Process

1. Develop inventory and forecast of emissions
2. Identify a full range of possible actions
3. **Identify initial draft priorities for analysis**
4. Develop straw proposals for draft priorities for analysis
5. Quantify GHG reductions and costs/savings
6. Evaluate externalities, feasibility issues as needed
7. Develop alternatives to address barriers as needed and iterate to final agreements on policy recommendations
8. Finalize the statewide inventory and forecast of emissions
9. Aggregate results
10. Finalize and report recommendations

Review and Approval of Draft Priorities for Analysis

- 250+ possible actions developed by TWGs and CECAC
- 52 initial draft priorities for analysis recommended by TWGs
- CECAC reviews and approves with modifications, if/as needed
- TWGs formulate straw proposals for policy design, quantification

Agriculture, Forestry & Waste Management

- AFW-1: Water and Wastewater Energy Efficiency Improvements
- AFW-2: Advanced Recycling and Composting
- AFW-3: In-State Liquid Biofuels Production
- AFW-4: Soil Carbon Management
- AFW-5: Expanded Use of Biomass Feedstocks for Electricity, Heat, or Steam Production
- AFW-6: Forest Management for Carbon Sequestration
- AFW-7: Forest Protection – Reduced Rate of Clearing and Conversion to Nonforest Cover
- AFW-8: Conservation of Working Agricultural Land
- AFW-9: Waste-to-Energy Reclamation

Transportation & Land Use

- TLU-1: Adopt California Clean Car Standards
- TLU-2: Transportation System Management
- TLU-3: Tax Credits for Efficient Vehicles
- TLU-4: Improve Development Patterns
- TLU-5: Transit & Bike-Pedestrian
- TLU-6: Alternative Fuel Infrastructure
- TLU-7: Truck Anti-idling
- TLU-8: Enforce speed limits
- TLU-9: Make full use of CMAQ funds

Transportation & Land Use

- TLU-10: Commuter Choice
- TLU-11: Increased Fuel Tax (w/ use of revenue for travel alternatives)
- TLU-12: Low-GHG Fuel Standard
- TLU-13: Freight Vehicle Technology Improvements

Break



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Residential, Commercial, Industrial

- RCI-1: Demand-Side Management (DSM)/Energy Efficiency Programs, Funds, or Goals for Electricity (including expansion of same) (Residential, Commercial, and Industrial)
- RCI-2: Demand-Side Management (DSM) Energy Efficiency Programs, Funds, or Goals for Natural Gas, Propane, and Fuel Oil
- RCI-3: Incentives and Regulatory Reform (including Net-metering) to Promote Implementation of Renewable Energy Systems, Including PV (Residential, Commercial, and Industrial)
- RCI-4: Energy Management Training/Training of Building Operators
- RCI-5: Incentives, Resources, and Regulatory Reform (including Net-metering) to Promote Energy Recycling Including Combined Heat and Power
- RCI-6: Expanding the investment options for electric utilities to include efficiency investment (decoupling sales from revenues)

Residential, Commercial, Industrial

- RCI-7: Support for Energy Efficient Communities Planning, "Smart Growth"
- RCI-8: Training and Education for Builders and Contractors (e.g. HVAC sizing, duct sealing)
- RCI-9: Improved Design and Construction in new and existing state and local government buildings, "Government Lead-by-example"
- RCI-10: Post-secondary College and University Programs
- RCI-11: Green Power Purchasing for Consumers
- RCI-12: Participation in Voluntary Industry-Government Partnerships (including incentives)

Energy Supply

- ES-1: Clean Energy/Environmental Portfolio Standard, including renewables, energy efficiency, nuclear power, waste to energy, landfill gas, and hydro
- ES-2: Technology Research & Development
- ES-3: Renewable Energy Financing
- ES-4: Decoupling of energy sales and revenues to allow investment in efficiency and renewables to be considered in parity with investment in new conventional capacity
- ES-5: New Nuclear Power
- ES-6: Green power purchases and marketing

Energy Supply

- ES-7: Regulatory model to equalize utility returns on energy efficiency with returns on traditional power supply
- ES-8: Attract renewable energy technology businesses to South Carolina
- ES-9: Renewable Portfolio Standard (RPS)
- ES-10: Distributed renewable energy incentives and/or barrier removal (Including Interconnection Rules)

Cross Cutting Issues

- CC-1: Inventories and Forecasting
- CC-2: GHG Reporting and Registry
- CC-3: Statewide GHG Reduction Goals and Targets
- CC-4: State Government GHG Emissions (Lead-by-Example)
- CC-5: Comprehensive Local Government Climate Action Plans
(Counties, Cities, etc.)
- CC-6: Public Education and Outreach
- CC-7: Tax and Cap Policies
- CC-8: Adaptation & Vulnerability

SC Inventory & Forecast Update

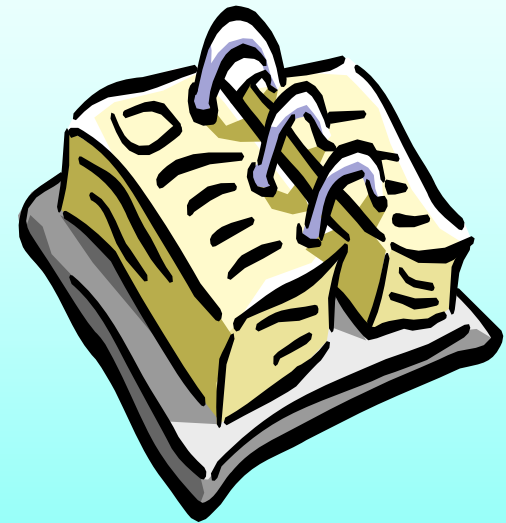
- TWGs will review, suggest revisions if/as needed and provide assistance
- CECAC will review and consider revisions at the next meeting

Next Steps

- TWGs
 - Develop straw proposals for policy design
 - Review and continue updates to the draft inventory and forecast
- CECAC
 - Review and approve straw proposals for policy design
 - Review and approve proposed revisions to the inventory and forecast with modifications if/as needed

Next CECAC Meeting

- Agenda:
 - Review and approve straw proposals for policy design, with modifications as needed
 - Review TWG suggested updates to the South Carolina's draft GHG inventory and forecast
 - Discuss and prepare for quantification of options
- Date for CECAC Meeting #4:
 - October 24, 2007, Columbia, SC



Public Input, Announcements