



*Commission on Climate Change*

# Maryland Climate Change Commission Mitigation Working Group

## **Residential, Commercial & Industrial Technical Work Group**

Teleconference #4

October 10, 2007

Maryland Department of the Environment  
Maryland Energy Administration  
Center for Climate Strategies

# Today's Agenda

- Call to order and roll call
- Review and approval of prior call summary
- Review of stepwise process
- Update from MWG meeting
- Prioritization of Early Action options
- Review of draft notional ratings and option consolidation
- Next steps for TWG and MWG
- Date, time, & agenda items for next meeting
- Public input and announcements
- Announcements

# Stepwise Planning Process

1. Develop inventory and forecast of emissions - Ongoing
2. Identify a full range of possible actions - Sept. 24
3. Identify initial priorities for analysis - **Oct. 26**
4. Develop straw proposals - **Nov.**
5. Quantify GHG reductions and costs/savings - TBD
6. Evaluate externalities, feasibility issues - TBD
7. Develop alternatives to address barriers - TBD
8. Aggregate results - TBD
9. Iterate to final agreements - TBD
10. Finalize and report recommendations - TBD

# TWG Roles

- Assist MWG
  - Identify potential state actions
  - Identify potential priorities for analysis
  - Suggest straw policy designs
  - Assist with analysis and review of options
  - Assist with development of policy alternatives
  - Assist with input to and review of MWG reports
  - Review and assist with the state GHG inventory and forecast

# MWG Sept 28 Meeting

- Discussed mitigation goals for Maryland
- Added new options to the RCI Catalog
- Modified some existing Catalog options
- Highlighted Early Action options
- Discussed next steps and timeline

# MD GHG Reduction Goals

- 2015
  - 10-15% below 2006 levels
- 2020
  - 25-40% below 2006 levels
- 2050
  - 90% below 2006 levels
- 2100
  - 0% or carbon neutral.

# Changes to RCI Catalog

- Modifications: RCI 1.1, 1.2, 1.4, 2.2, 4.1
- Additions
  - 2.8 Mitigation/accounting for new buildings based on new direct and indirect demand growth
  - 10.6 Provide incentives for contractors to add energy efficient appliances
  - 10.7 Prohibit new incinerators
  - 10.8 Improved recycling programs
  - 10.9 Promote eco-industrial parks
  - 10.10 Encourage replacement of inefficient industrial motors
  - 10.11 Home energy audits
  - 10.12 ZEV/ plug-in hybrids
  - 10.13 Financing/banking (role of private v. public, performance terms)

# Potential Early Action Items

- RCI 2.1 Improved Building Codes for Energy Efficiency
- RCI 2.2 Promotion and Incentives for Improved Design and Construction (e.g. LEED, green buildings, or minimum % improvement better than code) in the Private Sector (legislative interest)

# Early Action Policy Options Criteria

- Win-win-win actions where multiple stakeholders receive benefits.
- Actions that are already in the pipeline, covered by previous plans or initiatives.
- Actions that can be implemented by either Executive Orders or legislative action.
- Actions that will gain broad support with minimum controversy.

# TWG/MWG Next Steps

- TWG balloting on priority policy options
- Oct 22 meeting – review the balloting results
  - CCS summarizes the results and provides feedback
  - Make any necessary changes
  - Aim for 10 - 12 policy options
- MWG reviews, modifies and approves options (October 26)
- TWG develops straw proposals

# How Balloting Takes Place

- Today:
  - Prepare for balloting to identify priority policy options from catalog
- After this meeting:
  - TWG members select 10 options on ballot and return ballot to CCS
  - CCS tallies the ballots and reviews results during the next TWG call or via email
  - MCCC-MWG review and refine priorities

# Notional Ratings

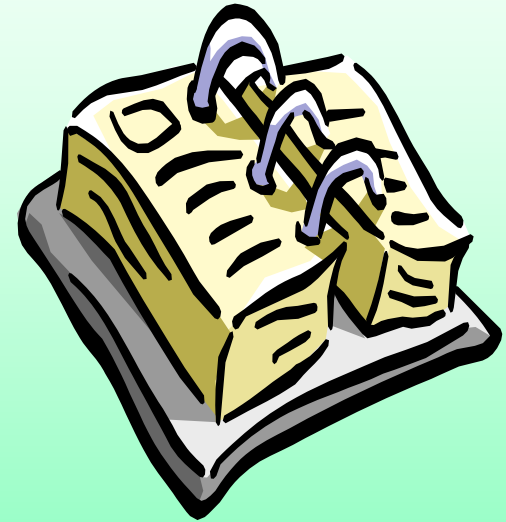
- Based on:
  - GHG reduction potential
  - Cost per ton
  - Other considerations
- Rated high, medium, low (H, M, or L) or Negative (cost only)
- Additional information that should be considered during balloting
  - E.g. ancillary benefits/costs
  - Implementation issues
  - Public appeal

# Key Dates

<u>Date</u>	<u>Meeting</u>
October 26, 2007	4 <sup>th</sup> MWG Meeting
November 2007	Interim Report
December 2007	Tentative 5 <sup>th</sup> MWG Meeting
February 2007	Tentative 6 <sup>th</sup> MWG Meeting
March 2007	Possible 7 <sup>th</sup> MWG Meeting
April 20, 2007	Final Report
Between MWG Meetings	Technical Working Group (TWG) Calls and/or Meetings

# Next TWG Meeting

- Date and Time
  - October 22<sup>th</sup>, 1:00-2:30 PM
- Agenda:
  - Review balloting results
  - Make any necessary changes
  - Discuss development of straw proposals for policy design from priorities



# Public Input, Announcements