



# Iowa Climate Change Advisory Council

Energy Efficiency and  
Conservation Subcommittee  
Meeting #15

October 7, 2008

Iowa Department of Natural Resources  
The Center for Climate Strategies

# Welcome and Introductions

# Agenda

1. Introductions and Roll Call
2. Approval of Summaries of Call/Meetings #12 and 14 [*Decision Items*]
3. Review of Results of IACAC Meeting
4. Discussion of Revised POD
5. Public Comments
6. Announcements

# Review and Approval of Prior Call Summary

- Review draft meeting summary for EEC SC call(s)
- Consider any corrections or additions to meeting summary
- Move to approve meeting summary with agreed-upon changes

# Stepwise Planning Process

- Develop inventory and forecast of emissions
- Identify a full range of possible actions
- Identify initial priorities for analysis
- Develop straw proposals
- ***Quantify GHG reductions and costs/savings***
- ***Evaluate externalities, feasibility issues***
- ***Develop alternatives to address barriers***
- ***Aggregate results***
- Iterate to final agreements
- Finalize and report recommendations

# Review of IACAC Meeting

- General Comments
- Policy Option Actions
  - Revisions to Document
  - Comments and Suggestions
- Review of Quantification
  - Assumptions
  - Results

# Review of Policy Option Document

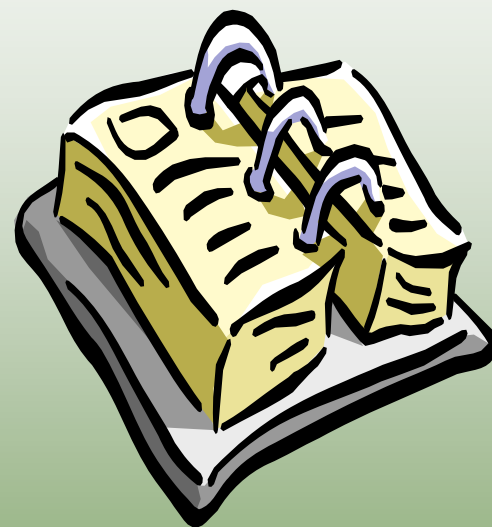
- General Comments
- Discussion of Revised POD
  - Key Uncertainties
  - Additional Benefits and Costs
  - Feasibility Issues

# Review of Quantification Results

- General Comments
- Stand-Alone Results
- Aggregate Results

# Next Sub-Committee Meeting

- Agenda:
  - Discussion of Policy Options
  - Address Externalities and Feasibility Issues
- Next Call
  - TBD



# Public Input Announcements

# Real Cost Escalation Assumption Sensitivity Analysis

- For EEC-1
- Based on updated EEC assumptions

	Real Cost Escalation Assumption			Units
	-2%	0%	2%	
	2020	2020	2020	
<b>GHG Emission Reductions</b>	7.21	7.21	7.21	MMtCO <sub>2</sub> e
<b>Net Present Value</b>	-943.3	-799.6	-632.4	\$ Million
<b>Cumulative GHG Reductions</b>	37.57	37.57	37.57	MMtCO <sub>2</sub> e
<b>Cost-Effectiveness</b>	-25.11	-21.28	-16.83	\$/tCO <sub>2</sub> e

# Update on Avoided CO<sub>2</sub> Methodology for New Build

- At the last call the EEC SC approved the initial quantification approach for CO<sub>2</sub> reductions:
  - Marginal mix of 50% coal, 50% gas through 2012
  - A new build mix of 83% coal, 16% renewables, 1% gas for 2013+
- CRE SC want an additional 100 MW new wind in the new build mix
  - New build mix then would change to 78% coal, 21% renewables, 1% gas
  - Decision Item: Is this acceptable to the EEC for use in its quantification going forward
  - FYI: CRE SC has adopted the same marginal mix through 2012 but is using only thermal new build for 2013+
    - New renewables from CRE policies can't "avoid" new renewables
      - Thermal new build mix is 99% coal, 1% gas