



Iowa Climate Change Advisory Council

Energy Efficiency and
Conservation Subcommittee
Meeting #14

Aug 15, 2008

Iowa Department of Natural Resources
The Center for Climate Strategies

Welcome and Introductions

Agenda

1. Introductions and Roll Call
2. Approval of Summary of Call/Meeting #12 [Decision Item]
3. Sensitivity Analysis of Real Escalation Rate
4. Update on Avoided New Build (CO2) Methodology [Decision Item]
5. Discussion of Revised POD
6. Agenda, Date and Time for Next Meetings [Decision Item]
7. Public Comments
8. 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

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	
GHG Emission Reductions	7.21	7.21	7.21	MMtCO ₂ e
Net Present Value	-943.3	-799.6	-632.4	\$ Million
Cumulative GHG Reductions	37.57	37.57	37.57	MMtCO ₂ e
Cost-Effectiveness	-25.11	-21.28	-16.83	\$/tCO ₂ e

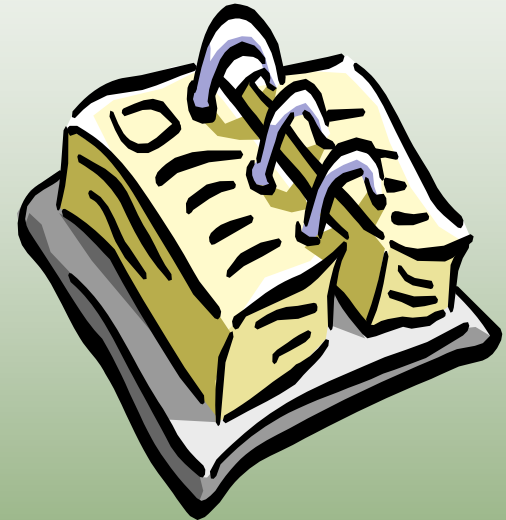
Update on Avoided CO2 Methodology for New Build

- At the last call the EEC SC approved the initial quantification approach for CO2 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 cant “avoid” new renewables
 - Thermal new build mix is 99% coal 1% gas

- Discussion of Revised POD

Next Sub-Committee Meeting

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



Public Input Announcements