



MEETING SUMMARY
IOWA CLIMATE CHANGE ADVISORY COUNCIL
Agriculture, Forestry and Waste Subcommittee
Call #4, February 1, 2008

Attendance:

Subcommittee members: James Burns, Thomas Hadden, Joanne Howard, David Miller, Dawn Snyder, Duane Sand, Dean Lemke, Peter Thorne.

Center for Climate Strategies: Steve Roe, Joe Pryor, Jackson Schreiber

Iowa Department of Natural Resources: Marnie Stein

Public Attendees: None

Background Documents: (http://www.iaclimatechange.us/Agriculture_Forestry.cfm)

1. Meeting Notice and Agenda
2. PowerPoint for Teleconference
3. Summary of Call #3
4. AFW Draft Catalog of State Actions
5. AFW Brief Description of Catalog Items
6. Balloting Results

Discussion and Key Items:

1. Roll call.
2. CCS reviewed the Agenda for the call.
3. There were no immediate changes to the Call #3 Summary distributed before Call #4 and available on the DNR website.
4. There is some difficulty in finding an appropriate time for the next teleconference, an availability request will be sent out shortly.
5. A quick overview was given of how the balloting process was carried out, and what the next step is for this meeting.

Balloting Results

AFW Policy Option #1 – Nutrient and Water Management

- a. **Action Item:** SC agreed to incorporate policy option #8 under this option.

AFW Policy Option #2 – Wetland Protection and Drainage Management

- a. This is an option that will need significant help from the SC on the inventory and forecast work to ensure an accurate estimate of baseline emissions.

- b. Due to the uncertainty of baselines and emission reductions, the SC will also need to direct CCS to appropriate research/literature for quantification.
- c. Duane Sand noted that the Iowa Division of Soil Conservation is already working on wetland protection. There is also research being conducted on the GHG benefits of wetlands.

AFW Policy Option #3 – Expanded use of Agriculture and Forestry Biomass feedstocks for electricity, heat or steam production

- a. The utilization of energy crops is included as a subcomponent of this option.

AFW Policy Option #4 – Manure/methane management capture utilization

- a. **Action Item:** It was agreed that 1.3 (On-farm manure digesters/other waste energy utilization) should also be added into this option, so that community and on-farm digesters are all covered.
- b. **Action Item:** Emphasis should be on large-scale utilization. It was agreed that the option be called “Encourage large scale manure/methane management capture utilization”.

AFW Policy Option #5 – Land management to promote sequestration benefits

- a. **Action Item:** It was agreed to add 2.3 (rotational grazing) to this option, because synergies exist with other components.

AFW Policy Option #6 – Landfill methane energy programs

- b. This program encompasses 10.1 and 10.2.

AFW Policy Option #7 – Renewable liquid fuel tax

- a. There could be some concern that this option should be considered by TLU rather than AFW. Generally, supply of biofuels is considered in AFW, whereas demand/consumption issues are considered by TLU. This option will still be brought forward, but may be relocated or combined with TLU options.
- b. **Action Item:** It was agreed that the title of this should be changed to “Liquid Fuel Tax”, to avoid confusion.

AFW Policy Option #8 – Manure Injection

- a. This policy option will also be heavily reliant on the SC to provide Iowa research on the GHG benefits of this type of program.
- b. One important GHG benefit of this option is controlling N₂O emissions.
- c. **Action Item:** It was agreed to incorporate this policy into policy option #1.

AFW Policy Option #9 – Improved on-farm energy use and efficiency

- a. **Action Item:** In the title of this option, “on-farm” should be expanded to “on-farm and first point of purchase”. This is because there is significant energy use by equipment like grain elevators, which should be included. Steve pointed out that it is important that this doesn’t become overly broad (i.e. include all biofuels, etc). It was agreed that the point of this addition was to include only immediate equipment such as grain dryers.

Additional Comments

1. Marnie Stein asked everyone to be looking for an email from her regarding the upcoming ICCAC meeting.

2. There may be a potential problem from lack of forestry options presented here. It is possible that forestry issues are less important in Iowa than in some other states.
 - a. David Miller suggested that perhaps option 7.6 (mitigation of forest loss due to insects/disease) could be considered more strongly.
3. Steve gave a brief overview of the upcoming steps, that the Inventory and Forecasting should take place in February.
4. Any additions to the catalog descriptions document should be sent to Joe and Jackson as soon as possible. While it is probably not possible to get those changes in before the next ICCAC meeting, it is still important to make the descriptions document as accurate as possible.

Next steps and agreements:

1. CCS will send out information regarding the next Subcommittee meetings (Call #5 and #6), to be scheduled for late February or March. The purpose of the next call will be to:
 - a. review the ICCAC comments and recommendation;
 - b. begin the development of the straw proposals; and
 - c. begin the review of the inventory and forecast.
2. Group members who cannot make the call can request a personal update in addition to the meeting notes.
3. The next ICCAC meetings are February 8, 2008 and April 11, 2008.

Thanks to all members for your meaningful contributions and excellent discussion.