



**Governor's Action Team on Energy and Climate Change**  
*State of Florida*

**FLORIDA ENERGY and CLIMATE ACTION TEAM**

**Agriculture, Forestry, and Waste Technical Work Group (TWG)**

**Notice of Teleconference Meeting, Call #1**

**March 5, 2008**

**1:00 PM – 3:00 PM EST**

**Attendance:**

1. Technical Work Group members:  
Jim Alberts, Mike Branch, Marc Bruner, Joe Joyce (in place of Jimmy Cheek), Eugene Jones, Jay Leveinstein, Jimmy Oskowis, Gary Peter, Dan Roach, Kevin Robertson, Andrew Walmsley, Celeste White
2. Center for Climate Strategies (CCS) staff:  
Steve Roe, Rachel Anderson
3. Florida Department of Environmental Protection:  
James McNeil, Jack Chisholm
4. Florida Agency Observers: None.
5. Public Attendees: Terry Cole (Oertel, Fernandez, Cole & Bryant, P.A.), Ann Redmond

**Background documents:**

(all posted at <http://www.flclimatechange.us/AFW.cfm>)

1. Meeting Notice and Agenda
2. PowerPoint for Teleconference
3. Florida AFW Options Description
4. Florida AFW Catalog

**Discussion items and key issues:**

This was the first conference call of the AFW TWG.

1. CCS called the meeting to order, completed the roll call, and reviewed the agenda and plans for the call.
2. Jack Chisholm, Deputy General Counsel for FL DEP reviewed the FL Sunshine law review. He noted that members should contact Teresa Mussetto at the Office



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of General Counsel, 850-245-2242 if they have any questions. All meetings have to be open to the public when working for state body. The meetings also have to have reasonable notice of meetings in advance and minutes taken for each meeting. All discussion and decision making by participants has to be done at a publicly noticed meeting. Members can only discuss matters that are going to come before the group at a publicly noticed meeting. Members cannot meet with other members of TWG to discuss those matters separate from the publicly noticed meetings. Matters can be discussed with members of the public as long as they are not members of the TWG. Matters can be discussed with action team members as long as they are not members of your TWG. If a member is acting on behalf of the group they can only discuss matters that are before the TWG or that might reasonably come before the TWG at publicly noticed meetings. Members cannot email each other about matters that are before the TWG except to circulate reports as long as it does not include commentary of opinions. TWG members cannot provide commentary on matters before the TWG except at publicly noticed meetings. TWG members cannot vote on something if there is a conflict of interest. TWG members cannot represent view of TWG or action team to others. The whole deliberative process must be public. Members can discuss things they normally would discuss while performing their day to day business, even with other TWG member. A question arose: if you are at a larger meeting and there are two TWG members there do they need to excuse themselves? The answer: no as long as matters discussed are not coming before the TWG. Each TWG member can testify at publicly noticed meeting but cannot discuss it with each other. For questions regarding ethics and conflicts of interest contact Rebecca Robinette at 850-245-2278.

3. CCS reviewed Executives Order 128 and 127, which established FL greenhouse gas (GHG) emissions targets and the Governor's Action Team on Energy and Climate Change. CCS provided an overview of the recommendations from the Phase I action report.
4. CCS reviewed the roles and responsibilities of the parties in the process. The TWG's role to support the actions of the FL Action Team was described: the TWG serve primarily in a technical analysis role and provides recommendations to the FL Action Team. The Florida Department of Environmental Protection (DEP) will ensure timely and full completion of Action Team duties.
5. CCS reviewed the TWG's roles: review and assist with GHG Inventory and Forecast (I&F) and prepare recommendations and strategies for GHG mitigation. The TWG will begin by identifying a full set of mitigation options – then prioritize options most likely to deliver best GHG mitigation potential and other ancillary benefits. It will develop straw proposals that include policy option is design using numerical recommendations for future implementation. In the end the TWG will have a set of potential GHG mitigation strategies and their costs. These will be communicated to the Action Team. Once approved the TWG will



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- build out the details for each priority option that has been selected. All TWG's use a template so that each group follows the same format. These will be subject to approval by the Action Team, which has the voting power to accept policy options as designed or return them to TWG for additional work, and then incorporate them into an overall set of recommendations. The TWG also reviews and revises the I&F as necessary.
6. CCS gave an overview of the other TWGs and introduced the ground rules of the process – keep up with the information available so the group doesn't have to backtrack, don't represent Action Team or TWG to others. The Phase II Final report deadline on Oct 1 is the deadline we are shooting for for the final report. We will try to schedule 2 TWG meetings in between each Action Team meeting.
  7. CCS reviewed the step-wise process. The TWG is currently working on the first 2 steps:
    - a. Develop inventory and forecast of emissions.
    - b. Identify a full range of possible actions

Transparency is an important part of the process. We will gather data into a format that can be reviewed by people outside the process. The process is open, inclusive, and comprehensive. All GHGs, sectors, potential implementation mechanisms, state and multi-state actions, and short and long-term actions are considered.

8. The decision criteria for selecting policies are: GHG reduction potential (MMtCO<sub>2</sub>e), cost (\$/MtCO<sub>2</sub>e reduced), co-benefits & feasibility, and key externalities. The last two are not quantified but described qualitatively in the documentation. Amount of consensus and barriers to consensus will be documented.
9. CCS introduced the catalog of state actions. It is based on a list of >300 actions taken or planned in other states, and includes notes where action has already been taken by the state. The catalog chart was described along with the key to ranking potential GHG emissions and potential cost. Many types of implementation mechanisms are covered: voluntary, mandatory, incentives, etc. The catalog includes key steps already taken by FL to inform members what is currently happening in the state. We will be looking at actions pertinent to Ag, Forestry, and Waste. The workgroup members are asked to submit additional current state actions that should be included.
10. CCS outlined the FL Inventory and Forecast. Each sector includes individual assumptions about behavior out into the future creating a Business as Usual reference case. Standard methods such as those used by EPA & UN were used for the I&F, which were documented so that a reader could essentially recalculate it. A preference was given to FL or regional data, though in some cases national data had to be relied upon. TWG members are asked to review and, if necessary,



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- revise the overall I&F report as well as the specific AFW appendices that include procedures and sources. In electricity, production based estimates are different from consumption based estimates. They are different because of exports and imports into state.
11. The I&F covers the six GHGs considered by the US EPA and UNFCCC: carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. Emissions are expressed with their 100-year global warming potential. This is a policy-level I&F, built to diagnose GHG emissions and trends at a state-level, but not to develop a baseline or model for compliance or analysis of individual options at specific facilities. In the I&F growth can be negative and that gross emissions are just sources while net represents sources and sinks.
  12. CCS reviewed the sector-specific I&Fs:
    - a. Agriculture – Emissions sources include livestock and soil. The next iteration will include rice cultivation.
    - b. Forestry based on US Forest Service Forest Carbon modeling. Forestry sector is a net sink in FL.
    - c. Waste sector – Needs to break down MSW solid waste by type of facility control. Waste combustion includes both controlled and open burning.
  13. CCS walked through the categories in the catalog in detail and asked workgroup members to go through catalog and see if there are other policy options we should include. Policies can take various things into account and be very flexible. Members are encourage to include ancillary issues, even non-quantitative ones in their policy description.
  14. CCS reviewed policy design proposals and the policy options template, which includes concept, goals, timing, and coverage. The final report will include an executive summary, I&F, chapter for each TWG, and detailed appendices based on the TWGs full policy options document with a full set of completed templates for each policy option.
  15. CCS discussed the agenda and time for the next meeting. The next steps are to have TWG members formulate catalog options and review the I&F. It will be made available to TWG members. After the Action Team meeting on March 17 the TWG will start working on filling in the other columns in the catalog.
  16. If member is going to miss a meeting can they email their inputs to CCS to have them brought up at the meeting.
  17. Public comments:
    - a. Terry Cole from Oertel, Fernandez, Cole & Bryant, P.A. law firm in Tallahassee, FL brought up some issues. He asked if improvements in wastewater treatment plants could include both MSW and industrial treatment. The answer was yes. He noted that the Dept of Agriculture and



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Consumer Affairs needs to know what is happening in the workgroup and to let them know the extent that farmers could be affected – it was then noted that the Dept of Agriculture and Consumer Affairs was on the call and monitoring it closely.

#### **Next steps and agreements:**

1. The next TWG meeting will be held on Monday, March 10, from 1:00 – 3:00 pm.
2. TWG members should review the Catalog of State Actions before the next call and be prepared to discuss additions and revisions to the catalog on the next call. TWG members that will be absent should send in comments/questions/additions to Rachel Anderson ([rachel.anderson@pechan.com](mailto:rachel.anderson@pechan.com)).