



**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 #9**  
**July 29, 2008**  
**10:00 AM – 1:00 PM EDT**

**Attendance:**

1. Technical Working Group members:  
Mike Branch, Marc Bruner, Janet Bowman (for Doria Gordon), Eugene Jones, Amy Boyson (for R. David McConnell), Gary Peter, Dan Roach, Andrew Walmsley, Doug Parson (for Nick Wiley)
2. Center for Climate Strategies (CCS) staff:  
Rachel Anderson, Brad Strode, Jennifer Jenkins, Jackson Schreiber, Joe Pryor
3. Florida Department of Environmental Protection: James McNeil
4. Florida Agency Observers:
5. Public Attendees:

**Background documents:**

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

1. Meeting Notice and Agenda
2. Summary of Call #8
3. Power Point Presentation for Teleconference
4. Policy Options Document
5. Data Sources for Policy Options
6. Updated Inventory and Forecast Appendices
  - a. Agriculture
  - b. Forestry
7. Quantification Memo

**Discussion items and key issues:**

1. Rachel Anderson called the meeting to order, completed the roll call, and reviewed the agenda and plans for the call.



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2. Rachel reviewed the Call 8 summary. There were no comments from the TWG and the Call 8 summary was deemed final.
3. CCS reviewed the Stepwise Planning Process. CCS and the AFW TWG are currently refining the Inventory and Forecast, quantifying the potential GHG benefits and cost effectiveness of each option, and fleshing out the Implementation Mechanisms and Related Policies and Programs in Place.
4. The group reviewed the draft Policy Options document as follows:
  - a. AFW-8: Promotion of Advanced Municipal Solid Waste Management Technologies (including Bioreactor Technology). This option focuses on management of solid waste but does not include source reduction or recycling.
  - b. AFW-9: Improved Commercialization of Biomass to Energy Conversion & Bio-Products Technologies. For WWTP goal, include bio-plastics
  - c. AFW-5: Promotion of Farming Practices that Achieve GHG Benefits. Two of the four goals have been quantified. The agriculture land conversion and improved harvesting method goals still need to be set by the TWG in order to proceed with quantification. With regard to the Soil Carbon goal, a TWG member requested that another sequestration rate be used. If a reliable GHG benefit rate for Agriculture Land Conversion cannot be found, this goal will proceed as non-quantified. CCS will seek to improve the estimate for nitrogen fertilizer efficiency. An interim goal was set for nutrient efficiency.
  - d. AFW-7: In-State Liquid/Gaseous Biofuels Production. This option is linked to the Transportation and Land Use Working Group's Low Carbon Fuel Standard. The TWG conveyed its concern with the current biomass inventory numbers for forest biomass. It was suggested that CCS use USFS or NRCS data, rather than a report defining "potential" biomass inventory. A question was also raised about the assumption that ethanol facilities (particularly woody) can begin producing by 2010.
  - e. AFW-4: Expanded Use of Forestry, Agriculture and Waste Management Biomass Feedstocks for Electricity, Heat and Steam Production. As with AFW-7, it is noted that the logging residue and woody energy crop biomass totals will likely be reduced. CCS stated that the 2025 goal was very large and would be difficult to meet, given the current biomass supply. CCS will attempt to use FL-specific biomass cost estimates for both AFW-4 and AFW-7. TWG members will communicate with CCS regarding the cost of mass burn WTE facilities.
  - f. AFW-1: Forest Retention – Reduced Conversion of Forested to Non-Forested Land Uses. There were no significant action items going forward. Note that due to short time, CCS reviewed the quantification methods, but a complete discussion was not possible.



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- g. AFW-2: Afforestation and/or Restoration of Non-forested Lands. CCS will continue work on the Urban Forestry goal quantification. A TWG member asked that a specific mention be made to native species with respect to this option. It is noted that the cost of afforestation is an overestimate.
  - h. AFW-3: Forest Management for Carbon Sequestration. CCS has located a potentially helpful article for the quantification of this option.
  - i. AFW-6: Reduced Rate of Agricultural Land and Open Green Space Conversion to Development.
  - j. AFW-10: Programs to Support Local Farming/Buy Local. No discussion on this option.
5. CCS called the TWG's attention to the Quantification Memo posted on the web page.
  6. The next CAT meeting is on August 6 and the next AFW TWG meeting is on August 12.
  7. Public comments: There were no public comments.

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

1. The next TWG meeting will be held on Tuesday, August 12<sup>th</sup> from 10:00 am-1:00 pm.
2. Members are asked to provide language on Implementation Mechanisms and Related Policies and Programs for the Policy Options ASAP.
3. The next FL Action Team meeting is Wed-Thu, August 6<sup>th</sup>-7<sup>th</sup>. Preliminary quantification, Implementation Mechanisms, and Related Policies/Programs will be presented to the Action Team during this meeting.
4. Dates for upcoming TWG conference calls:
  - a. August 12<sup>th</sup>, 10 am – 1 pm
  - b. August 26<sup>th</sup>, 10 am – 12 pm