



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 #8
July 15, 2008
10:00 AM – 12:00 PM EDT

Attendance:

1. Technical Working Group members:
Mike Branch, Marc Bruner, Joe Joyce (for Jimmy Cheek), Janet Bowman (for Doria Gordon), Jay Levenstein, R. David McConnell, Dan Roach, Kevin Robertson, Andrew Walmsley, Celeste White, Doug Parson (for Nick Wiley)
2. Center for Climate Strategies (CCS) staff:
Steve Roe, Rachel Anderson, Brad Strode, Jennifer Jenkins
3. Florida Department of Environmental Protection: James McNeil
4. Florida Agency Observers: Steve Jennings
5. Public Attendees: Bob Krasowski

Background documents:

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

1. Meeting Notice and Agenda
2. Summary of Call #7
3. Power Point Presentations for Teleconference
4. Policy Options Document

Discussion items and key issues:

1. Steve Roe called the meeting to order, Rachel Anderson completed the roll call, and Steve reviewed the agenda and plans for the call.
2. Steve reviewed the Call 7 summary. During Call 7 the group finalized the Straw Proposals in preparation for the FL Action Team meeting. CCS will be posting updated appendices for the Inventory & Forecast for the workgroup members to review.



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3. Today we will be reviewing the Policy Options Document including updates that were made by the FL Action Team during their last meeting. The next step will be quantification of the Options and inclusion of Implementation Mechanisms and Related Policies and Programs.
4. CCS began reviewing the Policy Options Document, starting with the biomass supply and demand table. It was suggested that the table include an entry for "understory" forest biomass in addition to the "overstory." The Division of Forestry is conducting a small-scale study on the understory supply (though the results might not be in before this working group presents the Policy Options to the FL Action Team). A member noted that the FL DEP annual solid waste report includes yard waste (and is 800,000 tons short of what is listed in the biomass table). The current entry for "urban wood" is from the "Florida Biomass and Bioenergy Overview." The source will need to be checked to determine what is encompassed in "urban wood"; does it include construction and demolition waste? If not, then construction and demolition waste needs to be added in. The FL Action Team requested another column showing biomass supply in British Thermal Units (Btu's). The working group suggested including "potential" biomass sources in addition to "existing" resources
5. The group reviewed the draft Policy Options document as follows:
 - a. AFW-1: Forest Retention – Reduced Conversion of Forested to Non-Forested Land Uses. No substantive comments from Action Team.
 - b. AFW-2: Afforestation and/or Restoration of Non-forested Lands. No substantive comments from Action Team.
 - c. AFW-3: Forest Management for Carbon Sequestration. Action Team was fine with letting the working group come back with a goal for non-federal publicly managed land after some initial quantification.
 - d. AFW-4: Expanded Use of Forestry, Agriculture and Waste Management Biomass Feedstocks for Electricity, Heat and Steam Production. The Action Team would like specificity on the types of biomass/crops that will be used to meet this goal.
 - e. AFW-5: Promotion of Farming Practices that Achieve GHG Benefits. The TWG needs estimates of marginal agricultural land and high efficiency harvesting methods appropriate to FL in order to develop this goal. This option is linked to the Cap and Trade Technical Working Group's provision for carbon offsets and that needs to be kept in mind when developing implementation mechanisms.
 - f. AFW-6: Reduced Rate of Agricultural Land and Open Green Space Conversion to Development. The Action Team requested clearer language in the goal and asked where these protected lands are going to be located. The TWG added an interim goal – 15% reduction in level of losses that would otherwise have occurred by 2015 . TWG members noted that this is



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- a land use option rather than an agricultural option and the GHG benefit is indirect.
- g. 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. TWG members indicated that food/feed crops that already have a market should not be used for biofuel production, focusing instead on food and ag residues and other energy-type crops. TWG members also noted that the short term goal of replacing 10% of FL gasoline with ethanol by 2010 will not be met with in-state produced biofuels.
 - h. 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. TWG members will need to provide data on collection and transit of solid waste. Members noted anecdotal data on cities that have never done routing efficiency calculations to determine if they are picking up trash in the most efficient manner. David McConnell volunteered to provide data on collection. Marc Bruner volunteered to provide data on waste transfer from transfer facilities to landfills.
 - i. AFW-9: Improved Commercialization of Biomass to Energy Conversion & Bio-Products Technologies. For WWTP goal, include fertilizer production in the goal. The Action Team asked TWG to address water quality benefits as well. CCS noted a recent Biocycle article looking at biosolids and water quality.
 - j. AFW-10: Programs to Support Local Farming/Buy Local. The Commissioner of the Department of Agriculture spoke with Action Team on where the state currently stands on local production and in-state consumption. Action Team recommended carrying this option forward as an unquantified option with some emphasis on educating consumers on benefits of in-state consumption.
6. The group motioned to allow the next meetings on July 29th and August 12th to extend from 10 am to 1 pm. CCS will provide a basic schedule for the calls (for example, cover waste options in the first hour, agriculture options in the second, etc.) in case working group members cannot be available for the duration of the call.
 7. Public comments: Bob Krasowski of the FL Alliance for a Clean Environment asked what sources of data will be used and if the public would have access to them. CCS noted that the CCS technical leads for quantification will cite data sources used, including web addresses where possible, and also requested that they list under "data sources" other sources reviewed that may have not been used. Bob noted that he would like to see recycling and other source management issues considered under AFW-8.



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Next steps and agreements:

1. The next TWG meeting will be held on Tuesday, July 29th 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.
3. The next FL Action Team meeting is Wed-Thu, August 6th-7th. 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. July 29th, 10 am – 1 pm
 - b. August 12th, 10 am – 1 pm
 - c. August 26th, 10 am – 12 pm