

Broward County Climate Change Task Force (CCTF)

Meeting of May 21, 2009

Broward County Government Center West

2nd Floor Hearing Room

1 North University Drive

Plantation, FL 33324

1:30 P.M. – 4:30 P.M.

SUMMARY MINUTES

MEMBERS PRESENT

Brion Blackwelder
Lois Bush
George Cavros
Michael Garretson
Dr. Patrick Gleason
Barry Heimlich
Dr. Colin Hughes
Tony Hui
Robert Kornahrens
Dylan Larson
Charlotte Mather
Peg McPherson (via telephone)
Roseann Minnet
Jim Murley
John Pisula
Robert Renken
Major Larry Rogers
Peter Ross
Lynn Shatas
Doug Young

MEMBERS ABSENT

Carolyn Dekle
Hector Samario
Kim Shugar
Vice Chair Jared E. Moskowitz
Chair Kristin Jacobs

County Staff

Dr. Jennifer Jurado
Donald Burgess
Natasha Herne
Paul Krashefski
Jaclynn Conner
Michael Owens
Lorraine Bertone
Patti Webster
Dr. Nancy Gassman
Eric Myers

- I. Michael Owens, County Attorney, stated that the meeting should be started and recorded. Jim Murley chaired the meeting due to the absence of the Chair Kristin Jacobs and Vice Chair Jared Moskowitz. Welcome and Statement of Meeting Objective were presented by Jim Murley. The meeting was called to order at 1:40PM.
- II. Roll Call was made by Jaclynn Conner and a quorum was present.
- III. The minutes of the March 19, 2009 and April 16, 2009 meetings will be approved at the June 18, 2009 meeting due to the absence of the Chair and Vice Chair.
- IV. The “appointment of subcommittee members” item will be discussed at the June 18, 2009 meeting.
- V. Update on Energy Efficiency and Conservation Block Grant Funding Opportunities for the Broward Climate Change Task Force – Dr. Jennifer Jurado, Director, Natural Resources Planning and Management Division
 - Broward County was not eligible for formula (direct) funding
 - Broward County will enter into a competitive process for the \$18 million to be distributed at the state level
 - \$18 million will be distributed
 - The deadline was May 25 but it has been pushed to June 25, the same timeframe as local governments
 - There are 18 municipalities and 2 tribal entities directly funded
 - Broward County may get shut out a second time, we will continue to work to shape the application
 - Broward County hopes to be very competitive in the process
 - Broward County is eligible to apply for \$400 million at the federal level
 - 2% discretionary funds
- VI. Presentations
 1. Sea Level Rise Scenarios – Dr. Patrick Gleason, Chair, Science and Technical Subcommittee
 - Sea level rise is a major concern in Broward County
 - Currently 602,325 residents live within 5 miles of the coast
 - Almost 29% of Broward is less than 5 feet above sea level
 - Factors affecting sea level change
 - Water related – ice sheet melting
 - Land related – land water storage change – glaciers
 - Erosion

Land subsidence and uplift

Glacial rebound

Tectonics – sea floor expanding and contracting

Volcanics

Earth related

Albedo – how well a surface reflects solar energy

Gravity – as ice melts, it affects sea level rise

Rotational effects

- Estimate of sea level rise based on tide gauge records – can be effected by global factors
- What to plan for in the future
 - Carbon dioxide is increasing
 - Global warming will cause melting
- Range of projection for 2100 are as extreme as one foot of sea level rise every 5 years
- In the next 20 years change will occur – there are rapidly changing global conditions
- New data coming out every day
- IPCC value for 2100 is too low (23 inches) but has not agreed on a new value
- In March 2009, the International Science Congress met on Climate Change. The proceedings of this meeting will be published in June, 09 in anticipation of the United Nations Climate Change Conference to be held in December, 09 in Copenhagen. The Science and Technical Subcommittee will review the proceedings prior to advising the Task Force on the likely sea level rise projections for 2100. If you are interested in signing up to be notified of the release of the proceedings of the March meeting of the Congress, please go to <http://climatecongress.ku.dk/box/alert/synthesisreport/>
- Climate Change Task Force subcommittees should use 3-9 inches of sea level rise by 2030 for planning purposes
- Sea level use projections become more uncertain the further into the future you project

Jim Murley stated that the committee will accept the report and come back at a future meeting to discuss it.

2. Broward County Community-wide Greenhouse Gas Emissions Inventory Report – Ms. Maribel Feliciano, Natural Resources Specialist III, Pollution Prevention, Remediation and Air Quality Division

- What is Greenhouse Gas emissions inventory? - An accounting of the *estimated* amount of greenhouse gases emitted to the atmosphere over a specific period of time (e.g., one year). A greenhouse gas inventory also provides information on the activities that cause emissions, as well as background on the methods used to make the calculations. Policy makers use greenhouse gas inventories to track emission trends, develop strategies and policies, and assess progress.
- ICLEI provided technical support and reviews the draft report

- Source categories
 - Residential Buildings – Single and multi-family homes
 - Commercial Buildings – offices, government buildings, educational facilities and businesses
 - Industrial Buildings – Asphalt plants, industrial processing, flares, incinerators, turbines
 - Transportation - on-road and off-road emissions
 - Waste – virtually all the waste that is generated in Broward County is handled through Broward County’s landfills, waste-to-energy plants, and recycling programs
 - Other - aircrafts
 - Inventory Limitations – Constructions and farming equipment, lawn maintenance equipment, water crafts, all-terrain vehicles and airboats, cruise and freight ships, wildfires
 - Comparisons to state and national Greenhouse Gas emissions inventories
 - Broward - 2007 - 12.8 tons
 - Dade - 2005 - 13.5 tons
 - Sarasota - 2005 - 16.0 tons
 - State of Florida – 2005 – 19.0 tons
 - US per capita - 2006 – 19.7 tons
 - 2020 Greenhouse Gas emissions projections – 25,896,479 tons
 - Broward County Greenhouse Gas emissions are estimated to increase by 3,529,546 tons of eCO₂ from 2007 to 2020.
 - Greenhouse Gas report is posted at www.broward.org/climatechange
3. Steering Committee Recommendations – Timelines and Planning Horizons to be used in Creating Task Force Recommendations: Discussion and Feedback – Commissioner Kristin Jacobs, Chair. This was presented by Donald Burgess.
- Met on May 7 with facilitators from Broward County
 - Immediate, short, medium and long-term timeframes were established
 - Timeframe will be the beginning of next calendar year
 - Additional comments on the template should be sent to Donald Burgess or Nancy Gassman – not to other subcommittee members due to Sunshine Laws
- Approval could not be done due to the absence of the Chair.
4. Review of Subcommittee Focal Areas Looking for Areas of Overlap or Conflict; Determining if there are Areas of Concern that were anticipated be to addressed by specific Subcommittees that are not proposed focal areas – Natural Resources Planning and Management Division Staff
- The focal areas of concern are:
 - Building codes
 - Water resources
 - Salt water intrusion

Beach
Emission mitigation
Public outreach
Insurance
Reforestation
Adaptation, policies and strategies

Task Force Members raised concern that their discussions should not be limited to potential overlaps with other committees. These overlaps were not necessarily conflicts.

Jim Murley stated that this needs to be taken back to each subcommittee and discuss it. Eliminate the recommendations as shown on the table that was presented and bring back areas of concern to each subcommittee for further discussion.

VII. Florida Energy and Climate Commission Update – Jim Murley, Chair FECC

- The FECC last met via conf call on May 11, 2009
- Approved two proposed spending plans for state allocations of federal recovery funds - the State Energy grant \$126 million, and State share of Energy Efficiency and Conservation Block Grant \$30 million
- The State Energy spending plan has been sent to the US DOE for review and the Block Grant application is being transmitted next month
- Current thinking is that the rule making initiated by FECC in April which would have updated our current rules for alternative energy grant programs and initiated a new program for green communities will probably have to be suspended
- Will have to initiate new rule making or other forms of funding availability announcements to expedite the expenditure of the federal recovery funds once our plans are approved by US DOE
- Money must be spent in three years
- FECC will meet again via conference call on June 17
- None of the Governor's legislative initiatives in energy and climate passed during the 2009 legislative session. An amendment was passed to secure the tenure of the FECC members until the 2010 session
- For further information, go to www.myfloridaclimate.com

VIII. Other Business – There was no other business

IX. The next meeting will be June 18, 2009 at the Government Center West, 2nd Floor Hearing Room at 1:30PM – 4:30PM.

X. The meeting adjourned at 3:46PM