

Broward County Climate Change Task Force (CCTF)

Meeting of February 19, 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

George Cavros
Jill Cohen (alternate for Dylan Larson)
Patrick Gleason
Barry Heimlich
Gary Hines (alternate for Michael Garretson)
Colin Hughes
Tony Hui
Robert Kornahrens
Charlotte Mather
Peg McPherson
Roseann Minnet
John Pisula
Robert Renken
Major Larry Rogers
Peter Ross
Hector Samario
Lynn Shatas
Kim Shugar
Brian Traylor (alternate for Carolyn Dekle)
Doug Young
Vice Chair Jared E. Moskowitz
Chair Kristin Jacobs

County Staff

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

MEMBERS ABSENT

Brion Blackwelder
Lois Bush
Carolyn Dekle
Michael Garretson
Dylan Larson
Jim Murley

- I. Welcome and Statement of Meeting Objectives were presented by Broward County Commissioner, Kristin Jacobs, Task Force Chair.

The meeting was called to order at 1:30. Chair Kristin Jacobs encouraged all members to join the subcommittees.

- II. Roll Call was made by Jaclynn Conner, and a quorum was present.
- III. The minutes of the January 22, 2009 meeting were approved.
- IV. Energy Efficiency and Conservation Block Grant Funding Opportunities for the Broward Climate Change Task Force was discussed. The information will be posted on the Climate Change Task Force website. Chair Kristin Jacobs asked if there was a motion to support Broward County staff in going after the block grant dollars to further the initiatives of this Task Force. A motion was made by Doug Young and seconded by Barry Heimlich. The motion passed unanimously.
- V. Presentations

1. Peak Oil was presented by Dr. John Van Leer, University of Miami. The primary aspects of the presentation included discussion of the following:

- Oil is king of fossil fuel
- In the early 1950's, oil production in the lower 48 states was forecast by M. King Huppert of Shell Oil to peak in 1971 and would thereafter decline...and that's what it did
- Huppert forecast that global peak oil would occur in 2005-2010
- Oil peaking presents a unique challenge, the world has never faced a problem like this – requires replacement with some alternative
- Global peak presents “an unprecedented risk”
- Oil is the most important form of energy in the world today
- The era of cheap energy is gone
- The countries with oil have the power
- 70% of oil is used for transportation
- The US consumes 25% of the world's oil production with only 4% of the world population
- Shell CEO estimates that after 2015 supplies of easy to access oil and gas will no longer keep up with the demand. We will clearly be past the peak and supplies will decrease thereafter

For more information, go to <http://www.bartlett.house.gov/energyupdates>

Questions and discussion followed.

2. Subcommittee Proposed Primary Issues: Discussion and Feedback was presented by the Subcommittee Chairs.

a. Science and Technical – Dr. Patrick Gleason

The primary aspects of the presentation included discussion of the following:

- Summarize the evidence of climate change
- Sea level rise
- Changes in climate
- Uncertainties in the future
- Scientific issues associated with successful adaptation to climate change in particular sea level rise

Questions and discussion followed.

b. Greenhouse Gas Reductions – Doug Young

The primary aspects of the presentation included discussion of the following:

- Review of Mission Statement
- Population and economic growth
- Global warming and sea level rise
- Major greenhouse gases
- Greenhouse gas emissions and how to reduce them
- Energy alternatives
- Building and energy conservation – the cheapest watt is the one you don't use – something we can all think about
- Biofuels vs. fossil fuels
- Transportation and fuels – mass transit, car pooling, hybrids
- Main focus is to save energy and reduce greenhouse gases
- Built environment – energy efficient design and construction, green buildings, urban design, smart growth
- Transportation – mass transit, fuel efficient vehicles, alternative fuels and vehicle miles traveled
- Consumption – energy saving programs, conservation, waste reduction, recycling
- Sequestration – urban reforestation

Questions and discussion followed.

Chair Kristin Jacobs would like Florida Power and Light to speak to the Task Force regarding their support of utility reform and about offering energy efficiency incentives to customers.

c. Renewable and Alternative Energy – Rob Kornahrens

The primary aspects of the presentation included discussion of the following:

- Focus on energy not fuels
- Air conditioning units need to become a renewable energy resource
- Biomass
- Solar power
- Wind as a resource
- Geothermal
- Ocean energy
- Waste energy and recycling

Peter Foye, Waste and Recycling Services, assisted the Renewable and Alternative Energy Subcommittee with the presentation of Waste to Energy.

Questions and discussion followed.

3. Resources and Reference for Broward County's Climate Change Task Force Use was presented by Nancy J. Gassman, Ph.D., Broward County Natural Resources Planning and Management Division. The primary aspects of the presentation included discussion of the following:

- Overview of the approach
- Review of select resources relative to South Florida and the Task Force
- LiDAR (Light Detection and Ranging)
- DSIRE – database of state incentives for renewables and efficiencies

The database will be posted to the Climate Change Task Force website.

Questions and discussion followed.

4. Recycling in Broward County: An Update and Review of its Potential Role in Reducing Greenhouse Gas Emissions was presented by Phil Bresee, Broward County Recycling Program Manager, Waste and Recycling Services. The primary aspects of the presentation included discussion of the following:

- Municipal solid waste contributions to GHG emissions
- Municipal solid waste (garbage)
- How should municipal solid waste be managed
- Recycling trends in Broward County
- Singlestream recycling 101
- Education and outreach
- Environmental benefits of recycling and waste reduction
- Economic benefits of recycling

Questions and discussion followed.

VI. Other Business – No other business was discussed.

VII. The next Task Force meeting will be held on Thursday, March 19, 2009 at 1:30PM at Government Center West, 1 North University Drive, 2nd Floor Hearing Room, Plantation.

VIII. The meeting adjourned at 4:35PM.