



Committee on Energy

**Wednesday, January 9, 2008
8:00 AM – 9:45 AM
Morris Hall (17 HOB)**

COMMITTEE ACTION PACKET

**Marco Rubio
Speaker**

**Paige Kreegel
Chair**

COMMITTEE MEETING REPORT

Committee on Energy

1/9/2008 8:00:00AM

Location: Morris Hall (17 HOB)

Attendance:

	<i>Present</i>	<i>Absent</i>	<i>Excused</i>
Paige Kreegel (Chair)	X		
Gary Aubuchon	X		
Loranne Ausley	X		
Donald Brown	X		
Edward Bullard	X		
Larry Cretul	X		
Terry Fields	X		
Andy Gardiner	X		
Kurt Kelly	X		
Rick Kriseman	X		
Seth McKeel	X		
Stephen Precourt	X		
William Snyder	X		
Shelley Vana			X
Totals:	13	0	1

Committee meeting was reported out: Wednesday, January 09, 2008 3:26:22PM

COMMITTEE MEETING REPORT

Committee on Energy

1/9/2008 8:00:00AM

Location: Morris Hall (17 HOB)

Other Business Appearance:

Energy Efficiency and Conservation Measures

Steven Korcan, Vice President (At Request Of Chair) - Information Only

Grady Pridgen, Inc.

9741 International Court North

St. Petersburg FL 33703

Phone: (727) 525-1474

Energy Efficiency and Conservation Measures

Douglas Buck, Director of Governmental Affairs (Lobbyist) (At Request Of Chair) - Information Only

Florida Home Builders Association

201 East Park Avenue

Tallahassee FL 32301

Phone: (850) 224-4316

Energy Efficiency and Conservation Measures

Jim Richmond, Attorney (Lobbyist) (State Employee) - Information Only

Florida Building Commission

2555 Shumard Oak

Tallahassee FL 32399

Phone: (850) 922-1675

Energy Efficiency and Conservation Measures

Mark Futrell, Public Utilities Supervisor (State Employee) (At Request Of Chair) - Information Only

Florida Public Service Commission

2540 Shumard Oak Boulevard

Tallahassee FL 32399

Phone: (850) 413-6692

Energy Efficiency and Conservation Measures

Susan Clark, Attorney, Radey Thomas Yon & Clark, PA (Lobbyist) (At Request Of Chair) - Information Only

Florida Power & Light Co., Gulf Power Co., Progress Energy Florida, Tampa Electric Co

301 South Bronough Street

Tallahassee FL 32301

Phone: (850) 425-6654

Committee meeting was reported out: Wednesday, January 09, 2008 3:26:22PM

COMMITTEE MEETING REPORT

Committee on Energy

1/9/2008 8:00:00AM

Location: Morris Hall (17 HOB)

Summary: No Bills Considered

Committee meeting was reported out: Wednesday, January 09, 2008 3:26:22PM

Presentation to House Energy Committee

January 9th, 2008

Florida Home Builders Association

Green Building and Energy Efficiency

- Energy is a subcomponent of Green Building
 - Green Building addresses water use, energy, renewable resources, landscaping, among other items

Green Building

- Florida Building Commission green building forum currently working on a model ordinance
- Need to consider the differences between developers and builders
 - Incentives for action, i.e. expedited permitting have more meaning for the development community
- Always need to consider cost/benefit to the consumer

Energy Efficiency

- Florida has had an energy code since 1979. An increase in efficiency of 64% has been achieved since then.
- Efficiency of the building envelope has reached a point that energy use in a home is primarily being driven by non-structural elements.

The time has come for Florida to adopt the International Energy Conservation Code as the path to increased energy efficiency.

- See letter to Governor from interest groups dated September 4, 2007
 - Greater ease in meeting energy requirements
 - Consistent with other Florida Building Code components
 - Prescriptive approach
 - National in scope
 - And finally it is the document that the Florida Energy Code must be certified to by the Federal Department of Energy.

Current Energy Code activities

- Governor has issued an executive order calling for 15% increase in efficiency to be developed by the Florida Building Commission.
- Order included appliances and lighting. Not part of the Energy Code.
- Will the outcome of this process be that new homes must contain only energy efficient appliance and lighting?

FHBA observations on this outcome

1. As regulatory codes are pushed to achieve higher levels of efficiency the issue of obtainable becomes a question. That is will there be the technology to achieve the desired outcomes.

2. New home construction adds about 1% of the residential units each year. Therefore any increased efficiency will be minor especially if appliance and lighting standards are primarily the focus.
3. Why, because homeowners can change out appliances and lighting.
4. Yet, the new home buyer has had the cost of these appliances incorporated into their mortgage and financed for 30 years.

The FHBA would recommend the following for your consideration

- Adopt the International Energy Conservation Code as the base for Florida.
- Make increased efficiency changes based on cost/benefit
- Increase consumer and builder awareness through education
- Like mitigation issues for reducing hurricane risk the existing residential structures are the major contributing factor to high energy use.
- Need to consider minimum appliance and lighting standards such as Energy Star on a state wide basis.

Finally

- Please turn to page 11 of the Energy Code Compliance Options for Florida report second issue from bottom of the page.
- The issue of code compliance always involves education and ease of use.

Douglas Buck

September 4, 2007

The Honorable Charlie Crist
Governor
State of Florida
Plaza Level 05 Capitol
400 South Monroe Street
Tallahassee, FL 32399-0001

Dear Governor Crist,

We applaud your proactive stance on energy efficiency and conservation for the State of Florida as evidenced by your recent "Serve to Preserve Florida Summit on Global Climate Change." In light of your position on climate friendly energy initiatives, a number of affected industries are coming together to help you achieve your goals in the most expeditious and cost-effective manner. Our industry-wide coalition comprised of building officials, builders, contractors, design professionals, product manufacturers and suppliers, urges the adoption of the 2006 International Energy Conservation Code as the mechanism for increasing energy efficiency and conservation within the State of Florida.

There are numerous energy-related benefits with the 2006 International Energy Conservation Code (IECC). For example, with the nationally-recognized IECC, consumers, builders and designers experience a much greater ease of compliance in meeting energy requirements due to its succinct, understandable, prescriptive compliance approach. Presently, under the current Florida Energy Code, builders and designers are faced with a tedious, complex code with multiple tables and chapters, pages of calculations, and multiple forms-- so confusing that oftentimes mistakes are made, as frequently as 30% according to a recent analysis of 2004/05 submitted code compliance forms by the Florida Home Builders Association.

Another benefit to using the IECC is that the calculation software is available for free from the federal government and this software interacts with the building department software. Conversely, the Florida Energy Code requires extensive time to conduct hand calculations or an outright expenditure to purchase the Florida code-based software. The alignment of the IECC with the tax credit requirements increases accuracy and makes it much easier for builders to process the paperwork for the \$2000 energy tax credit per house. Plus, the average homeowner who meets the energy tax credit criteria utilizing the IECC will experience an additional \$235 savings per year in energy costs. Similar benefits are derived in the commercial sector where potential tax credits of up to \$1.80 per square foot are available.

The IECC would also ease the burden on the product manufacturers, suppliers and builders who operate in various regional and national markets by requiring them to comply with only a single, simplified code, thus reducing inventory of inefficient, obsolete products and enabling building material suppliers and manufacturers to better plan and prepare by focusing on specific building envelope requirements and upgrades. Variations in energy and building code requirements cause problems for product manufacturers and suppliers, as well as for building officials who are

The Honorable Charlie Crist
September 4, 2007
Page Two

charged with code enforcement responsibilities. With a single, uniform energy code, inspection and enforcement of our state's energy code will be more easily maintained.

The IECC was cohesively developed through a broad-based, consensus process over a four year period by technical experts in the energy field. An array of in-depth training materials, seminars and web-based educational programs provide another advantage to utilizing the IECC. As a national, consensus-based code, building officials may obtain certification under the IECC. There is absolutely no need for a provincial code in Florida when a national code that was vetted by the experts exists.

In sum, the IECC offers greater compliance with energy standards, is more cost-effective, allows for better training, education and enforcement, is a more streamlined, simpler code, and reduces complexity and redundancy that occurs presently under the Florida Energy Code. We recognize the political shift towards increasing energy efficiency and conservation and we believe that adoption of the IECC is the first step towards achieving this laudable goal. We welcome the opportunity to meet with you and your staff to further discuss how we can assist in accomplishing your energy goals.

Sincerely yours,

Eric Lacey, Chairman
Responsible Energy Codes Alliance

Bob Boyer, President
Building Officials Association of Florida

John Wiseman, President
Florida Home Builders Association

Warren Husband, Executive Director
Florida A.G.C. Council, Inc. (Associated General Contractors)

Bill Tucker, President
Florida Building Material Association

Richard Weiland, Chief Executive Officer
International Code Council

Freddie Cole, President
Fenestration Manufacturers Association

The Honorable Charlie Crist
September 4, 2007
Page Three

Bob Sitter, President
Florida Concrete & Products Association

David Varga, Chair
American Fire Sprinkler Association (Florida Chapter)

Buddy Dewar, President
Florida Fire Sprinkler Association

Jared Blum, President
Polyisocyanurate Insulation Manufacturers Association

Reed Hitchcock, President
Foam Sheathing Coalition

Neeva-Gayle Candelori, Director
Center for the Polyurethanes Industry of the American Chemistry Council

Kurt Riesenber, Executive Director
Spray Polyurethane Foam Alliance

Alma Garnett, Senior Vice President
Hunter Panels, LLC, Lake City Florida
Carlisle Construction Materials, Carlisle, Pennsylvania

Rich Walker, President
American Architectural Manufacturers Association

Bill Emley, President
Southeast American Architectural Manufacturers Association

Gabe Farkas, Vice President of Engineering
Icynene Corporation

Cc: Florida Energy Commission
Florida Building Commission
The Honorable Ken Pruitt, Senate President, Florida Senate
The Honorable Marco Rubio, Speaker of the House, Florida House of Representatives
Mike Sole, Secretary, Florida Department of Environmental Protection