



Green Trends

A COMMUNICATION SERVICE OF THE FLORIDA GREEN BUILDING COALITION

September 18, 2014

Jupiter Earns Florida Green Local Government Certification

The town of **Jupiter** has been recognized as a certified Florida Green Local Government after it successfully met the sustainability standards established in the FGBC Green Local certification program. Jupiter achieved 22.3 percent of its 318 applicable points, earning it a silver-level designation. [[More](#)]

Sales Tax Holiday Provides Savings On Energy Star & WaterSense Items

Floridians are encouraged to take advantage of the upcoming sales tax holiday on energy-efficient appliances and water-saving products. From 12:01 a.m. on **Friday, Sept. 19, 2014**, through **Sunday, Sept. 21, 2014**, select ENERGY STAR and WaterSense products will be tax-free up to \$1,500. For those items that cost more than \$500, consumers will be limited to one tax-free purchase of each item. [[More](#)]

Green Achievement Award Winners Announced

The Florida Green Building Coalition (FGBC) has recently announced winners of its annual Green Achievement Awards. The competitive awards, based on green certification scores, recognize residential, commercial, high-rise residential, and land development projects, as well as, local governments for exceptional sustainability achievements in a number of categories, such as energy efficiency, water conservation, indoor air quality, site preservation, resource (materials) efficiency, and durability.

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The local government program criteria evaluates energy and water usage, air quality, health issues, land use, recycling and waste disposal, maintenance policies, educational programs, purchasing practices, and regulatory policies. [[Photos](#)]

Highest Scoring Local Government:

City: **City of Dunedin** - first local government to earn a platinum-level certification

County: **Pinellas County**

Highest Scoring Land Development

Abacoa - Palm Beach County

Highest Scoring Green High-Rise Residential Building

Gables 4585 Ponce, Coral Gables

Highest Scoring Green Home Big Bend Habitat for Humanity

For: 1621 Harris Street in Tallahassee

Green Builder of the Year (for most homes certified):

Single-Family Category

Neal Communities, Bradenton

Multi-Family Category

McIntyre Elwell and Strammer General Contractors, Sarasota

FGBC Certifying Agent of the Year

Drew Smith, Two Trails, Inc. in Sarasota

FGBC Volunteer of the Year (tie)

Larry Hale, Larry Hale, LLC, Sarasota

Deirdre Irwin, St. Johns River Water Management District, Palatka

USGBC, ASHRAE, and ICC Join Forces To Harmonize LEED, IgCC, and ASHRAE 189.1

A new partnership among five major U.S. standard developers in the U.S. will harmonize ASHRAE 189.1, the International Green Construction Code (IgCC), and the LEED rating systems with the aim of simplifying implementation of local green building regulations and incentive programs.

Although the organizations and their development processes will remain separate, the three systems will effectively become parts of one system in the U.S.

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FGBC Member Lapel Pins



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Quick Links

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Education Opportunities

**September 29-30, 2014
FGBC Certifying Agent
Designation Course
Florida Solar Energy
Center**

Cocoa, FL
[\[Register\]](#)

**October 3-5, 2014
The Economic Impact
of Climate and Energy
Policy on Public and
Private Sectors**

UC Berkeley
Berkeley, CA
[\[More\]](#)

Funding Opportunities

FHFC Multifamily

Under the new agreement, ASHRAE, the American Institute of Architects (AIA), the Illuminating Engineering Society (IES), the International Code Council (ICC), and USGBC will cooperate to create the new three-part system.

An updated version of ASHRAE 189.1 (full name: ANSI/ASHRAE/IES/USGBC Standard 189.1, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings) will provide baseline metrics and other technical requirements that align with LEED prerequisites and the IgCC. The standard will likely draw some technical requirements from LEED, but it will maintain its own consensus process under ANSI.

The IgCC (for which 189.1 is already an alternative compliance path) will cease being developed as an independent system and will instead become an adoptable, code-enforceable version of 189.1.

LEED, while remaining a voluntary rating system, will interface with the new code in two ways: IgCC will serve as an alternative system of prerequisites for LEED, making it easier for project teams to move from the baseline green code toward LEED certification; and selected LEED requirements will likely be cycled back into 189.1 as new versions of each are developed and approved. LEED credits will still be developed independently, but certification will readily serve as a stretch goal for projects in jurisdictions where the IgCC has been adopted.

To help ensure seamless integration, ASHRAE, USGBC, and IES will become sponsors of IgCC, and ICC and the AIA will become sponsors of 189.1. A steering committee will oversee the integrated development process. [\[More\]](#)

Renewable Energy Groups Form Coalition To Push for More Solar in Florida

Solar energy proponents announced on September 10, 2014, a new coalition that will push for increased use of renewable energy in Florida. The coalition includes three major renewable and clean energy organizations: the Florida Solar Energy Industries Association (FlaSEIA) and the Florida Alliance for Renewable Energy (FARE) industry groups, and the nonprofit Southern Alliance for Clean Energy (SACE).

The organizations say Florida laws and the state's investor-owned utilities have hampered the growth of solar power in the Sunshine State. Last week, FlaSEIA elected Reed Wilson of Florida Green Team/Aquatherm Solar Supply as its president. Wilson brings over 30

Energy Retrofit Program (MERP)

[\[More\]](#)

[St. Johns River WMD Water Programs](#)

[South Florida WMD Water Programs](#)

[Southwest Florida WMD Water Programs](#)

Articles of Interest

[Will Babcock Ranch Break the Utility Grip?](#)

Calendar of Events

September 25-27, 2014 FNGLA Landscape Show

Orange County
Convention Center
Orlando, FL

[\[More\]](#)

October 6-8, 2014 CREF 2014

Caribbean Renewable
Energy Forum
Miami, FL

[\[More\]](#)

October 23-25, 2014 FHBA Fall Conference

Daytona, FL

[\[More\]](#)

Certification News

Commercial

Registered: 31
Certified: 9

High Rise

Registered: 23
Certified: 5

Homes

Registered: 8351
Certified: 8158

Single-Family: 6884

Multi-Family: 1274

Land Developments

Registered: 62
Certified: 13

Local Government

Registered: 72
Certified: 50

Recent Certifications & Registrations

Certifications

Grassy Key Fire Station

years of experience in the solar industry in Florida and promises to provide assertive leadership to the solar industry in Florida. Wilson's election was followed by the hire of long-time solar advocate Mike Antheil as the organization's new Director of Advocacy.

Florida's largest utilities - Florida Power & Light, Duke Energy Florida and Tampa Electric - want to reduce conservation goals by more than 90 percent and have attacked solar as unreliable and costly. The utilities have stated that intermittent cloud cover and zero production at night hinders solar without an efficient battery system.

The coalition said it aims to combat what it characterizes as misinformation by the utilities and the influence of their message on Tallahassee. In particular, the coalition said it wants to ensure that the state preserves net metering, which allows solar power users to sell excess electricity they generate to the utilities at wholesale prices. [[More](#)]

Job Openings

1000 Friends of Florida Seeks New President

1000 Friends of Florida is seeking a highly motivated individual with a strong vision and passion for land use planning and with a proven record of successful fundraising in the not-for-profit sector to become its next President. This is a highly visible position and organization, with a strong influence in how smart growth will continue to evolve in Florida. The President will bring inspirational leadership, vision, strategic acumen, sound ethics, outstanding listening abilities, effective management and implementation skills, and public outreach abilities to inspire and collaborate with board, staff, and stakeholders. The deadline is September 30, 2014.

[[More](#)] [[Job Responsibilities](#)]

National Center for Healthy Housing Director of Policy Position Opening

The National Center for Healthy Housing (NCHH) in Washington, D.C. seeks an experienced Policy Director to help advance the organization's mission to create safe and healthy homes for all. The Policy Director represents NCHH's positions and objectives to government officials, the media, industry, advocates, donors, the general public, and others working on healthy housing. [[More](#)]

Florida General Revenue Estimates

#15

Location: Grassy Key
Type: Commercial
Certified: 9-15-14
Score: 120
Level: N/A

City of Jupiter

Location: Jupiter
Type: Local Government
Certified: 9-17-14
Score: 22%
Level: Silver

Richey Woods

Location: New Port Richey
Type: High-Rise
Certified: 9-9-14
Score: 50
Level: N/A

Registrations

Tower 2 Entity - Paraiso

Location: Miami
Type: High-Rise
Size: 815,616 s.f.

Flagler on the River

Location: Miami
Type: High-Rise
Size: 525,161 s.f.

Melody Residential Development

Location: Miami
Type: High Rise
Size: 839,292 s.f.

Paraiso Bay Views

Location: Miami
Type: High-Rise
Size: 663,320 s.f.

Heritage Village at Longwood - Bldg 1

Location: Longwood
Type: High-Rise

Heritage Village at Longwood - Bldg 2

Location: Longwood
Type: High-Rise

Gables Columbus Center

Location: Coral Gables
Type: High-Rise
Size: 220,000 s.f.

One Paraiso

Location: Miami
Type: High-Rise
Size: 874,698 s.f.

1010 Brickell

Location: Miami
Type: High-Rise
Size: 575,700 s.f.

Expect \$27.189 Billion in 2014-2015

Florida's Revenue Estimating Conference met in August 2014 to develop new estimates of state General Revenue (GR). These estimates are important because the Legislature can only appropriate the amount officially forecast to be collected in the fiscal year.

The new forecast projects total GR collections of \$27.189 billion in FY2014-15, which represents growth of just under \$1 billion (3.8 percent) over the last fiscal year (FY2013-14). Collections this year will finally exceed the previous high water mark of \$27.075 billion in FY2005-06, which was followed by three years of decreasing collections. Total GR collections are expected to grow another 3.9 percent in FY2015-16, reaching \$28.247 billion. [[Full Report](#)]

Sustainable Florida Announces Finalists In 2014 Best Practices Competition

The votes are in and [finalists](#) for the Best Practice Awards hosted by Sustainable Florida have been announced. The Awards will be presented during the annual Working on the Green Sustainability Summit scheduled for October 9, 2014 at the Streamsong Resort in Central Florida. Both the Best Practice Awards and the Florida Green School Awards will be presented in conjunction with the Working on the Green Sustainability Summit.

In the Green Building category, finalists include:

- Escambia County Community Redevelopment Agency
- First GREEN Bank
- Gainesville Regional Utilities / City of Gainesville
- Harvest Power Orlando, LLC
- Josh Wynne
- LifeStyle Homes, Inc.
- MCU (Martin County Utilities and Solid Waste Department)
- On Top of the World Communities

Building America Partnership Seeks Builder Partners for Net-Zero Projects

The Building America Partnership for Improved Residential Construction (BA-PIRC) is seeking new residential builder partners willing to collaborate on research leading to cost effective zero energy and

Babcock Ranch

Location: Charlotte & Lee Counties
Type: Land Development
Size: 17,787 acres

FGBC Committee Meetings

Board of Directors

2nd Wednesday
Monthly
3 p.m.

Commercial

1st Tuesday
Monthly
3 p.m.

Education

1st Thursday
Monthly
3 p.m.

High-Rise

3rd Tuesday
Monthly
11 a.m.

Homes and Affordable Housing

(Joint Meeting)
2nd Tuesday
Monthly
2 p.m.

Land Development

4th Wednesday
Quarterly
4 p.m.

Local Government

3rd Wednesday
Monthly
10:30 a.m.

Membership and Programs & Promotions

(Joint Meeting)
3rd Thursday
Monthly
2 p.m.

Job Opportunities

[APA Florida Job Board](#)

[Green Dream Jobs](#)

zero energy ready homes.

Builder partners are expected to construct homes in which researchers will investigate and document whole-house performance, including component system interactions. Typical specifications include HERS < 55, ducts inside the conditioned space, and whole building mechanical ventilation. In return, FSEC can provide technical and marketing assistance, including publicity and promotion via case studies, reports, and presentations. Previous FSEC research has shown that adoption of this level of performance has resulted in builders selling more homes, increasing their market share among competitors, and increasing their profits. Homeowners appreciate the low energy bills, enhanced comfort, and sustained value. View what [BA-PIRCs'](#) Builder Partners have accomplished under [Related Publications](#) and our [Case Studies](#) links.

If you are a builder already constructing homes to this level of performance, or are willing to receive technical assistance towards construction of a prototype home (pre-sale, inventory or model home) contact [Joseph Montemurno](#) at 321-638-1451. There is a limited availability of partnerships, and BA-PIRC is prioritizing available assistance to builders constructing more than 10 homes per year so act now. [[More](#)]

Siemens Report Defines Scope Of Integrated Building Optimization

In order to make truly meaningful improvements in energy management and sustainability, the decision making processes surrounding energy conservation and energy procurement must converge with each other, as well as with sustainability initiatives. With these decision making processes aligned, organizations will begin to look at their building assets holistically; this approach allows for creative strategies that will improve building performance: energy efficiency, optimized energy supply, and enhanced operational sustainability. This type of strategy will also contribute to improved building and occupant comfort, system reliability, and overall building performance.

A comprehensive energy and sustainability strategy can be organized into the following five phases:

- Strategy & Planning Phase
- Evaluation & Assessment Phase
- Program Implementation Phase
- Ongoing Services & Optimization Phase
- Measurement & Report Phase

Whether creating a comprehensive energy and sustainability strategy for a single building, a single campus, or an enterprise portfolio of buildings, progress is best achieved when key stakeholders for energy conservation, energy procurement, and sustainability are united in their efforts by aligning objectives across departments to avoid missed opportunities. [[Full Report](#)]

Green Building Spotlight: Miami 'Climate Ribbon' Replaces Air-Conditioning

Can a "climate ribbon" replace air conditioning? People visiting an open-air shopping center in Miami will soon find out. Topping the \$1 billion mixed-use Brickell City Centre which spans four blocks of waterfront will be a 150,000 square foot climate ribbon - an enormous overhead trellis made of steel, glass and fabric. It covers the walkway of the shopping center, where there are open-air shops, escalators, restaurants, and terraces. It will protect visitors from oppressive heat and the odd rain shower by creating a micro-climate that stabilizes the temperature.

How does it work? Under the glass is an undulating design that captures cooling ocean trade winds, encouraging air flow, while hanging fabric panels act like huge Venetian blinds - arranged to block the harshest of the sun's rays. "The orientation of a series of louvers is very specifically designed to protect the shop fronts from direct sun," says Hugh Dutton of Paris-based Hugh Dutton Associés, which participated in developing the design.

The sophisticated environmental management system allows daylight to penetrate - giving visitors the feeling that they are outdoors - and also captures rainwater for reuse at the rate of 5 million gallons a year. In the future, it may also produce solar energy. [[More](#)]

High-Rise projects in the Brickell Avenue redevelopment efforts that are seeking green certification by the Florida Green Building Coalition include: [1010 Brickell](#), [Brickell Heights 1 & 2](#), [Echo Brickell](#), and [SLS Brickell](#).

Multi-Family Energy Retrofit Program Moving Forward by FHFC

The Florida Housing Finance Corporation (FHFC) is developing a funding mechanism for distribution of just over \$7 million to create a revolving loan fund to carry out energy retrofits on older rental apartment properties within its portfolio. Loans will finance

energy efficient improvements identified in an energy audit on each eligible property. Maximum funding amount is \$5,000 per unit in construction costs plus \$40,000 soft costs. Eligible applicants will be multifamily developments within the FHFC portfolio that were originally completed prior to December 31, 1999. [[More](#)]

The Program for Resource Efficient Communities at the University of Florida will track utility data on properties that undergo a MERP retrofit.

Become An FGBC Certifying Agent

With construction activity increasing as evidenced by the 1,426 homes FGBC has certified just in the past 8 months, now is a good time to earn the FGBC Certifying Agent designation. Next class is scheduled for September 29-30, 2014 in Cocoa. Registration closes soon, so act quickly.

If you already have Energy Rater or Home Inspector credentials, adding the FGBC Certifying Agent designation is a no brainer. Why not get that competitive edge by being a full-service green building consultant?

FGBC especially needs Certifying Agents in the South Florida, Jacksonville, and western Panhandle areas of the state. To find out if Certifying Agents are needed in our area, [search our database](#).

To learn more about becoming an FGBC Certifying Agent, visit the [FGBC Certifying Agent website page](#).

To register for the course visit the Florida Solar Energy Center [website](#).

MEMBER SPOTLIGHT: Gables Residential

Gables Residential is an award-winning, vertically integrated real estate company and privately held REIT specializing in the development, construction, ownership, acquisition, financing, and management of multifamily and mixed-use communities. Gables manages approximately 35,000 apartment homes and 500,000 square feet of retail space in high growth markets throughout the United States, including Atlanta, Austin, Boston, Dallas, Denver, Houston, South Florida, Southern California and metropolitan Washington, D.C. The company has received national recognition for excellence in development, management, sales, marketing, training, benefits and corporate accommodations. These achievements

reflect the impact of the company's experienced and dedicated team members, superior knowledge of the markets served, and expertise in development and management. [[More](#)]

FGBC Welcomes New Members

Mike Greig

[Legacy Builders](#)

Nokomis

Keith Gamble

[Northern Star Construction, Inc](#)

Miami Beach

Benjamin Bird

Tampa

Rick Sneed

Richard Sneed Construction, Inc

Tallahassee

John Gucciardo

[City of Bonita Springs](#)

Bonita Springs

Carlos Gonzalez

[City of Plantation](#)

Plantation

Steve Murray

[Murray Homes](#)

Sarasota

Gina Sierra-Townsend

[Paul J. Sierra Construction, Inc](#)

Tampa

Joel Cognevich

Key West

Weston Waugh (Rejoin)

BuiltGreen Residential Development Group, LLC

Palm Harbor

Elaine Rowe

[Alys Beach](#)

Alys Beach

Sara Kane

[Sarasota Bay Estuary Program](#)

Sarasota

Shaun Jean

[KB Home, LLC](#)

Riverview

Paul Lanouette

[Everglades University](#)

Altamonte Springs

Shawn Smith

[Gables Residential](#)

Atlanta, GA

Bruce Winter

[Manatee County Habitat for Humanity](#)

Bradenton