

February 1, 2017

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PROJECT SPOTLIGHT: Taylor Morrison Project Takes FGBC To the 14,000 Certified Homes Mark



The home located at 13110 Malachite Drive in Lakewood Ranch became the 14,000 home certified by the Florida Green Building Coalition.

Built by Taylor Morrison Homes in Sarasota, the house earned a silver-level FGBC "Florida Green" Home certification with a score of 145 out a 100-point minimum requirement.

FGBC Certifying Agent Drew Smith of Two Trails, Inc. coordinated the green certification process to ensure the home complied with the FGBC Florida Green Home Standard.

HUD to Require Energy & Water Benchmarking

As of April 15, 2017, HUD is seeking to require owners of HUD projects to provide the following utility consumption metrics for each property: Site and Source Energy Use Intensities (EUI), Site Water Use Intensity (WUI), and the ENERGY STAR Score for Energy, and-when available from EPA-the Energy Star Score for Water.

Covered property types include:

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- Section 202 Project Rental Assistance Contracts (PRAC)
- Section 811 PRAC and Project Rental Assistance (PRA) contracts
- Section 202/162 Project Assistance Contracts (PAC)
- Section 202 Senior Preservation Rental Assistance Contracts (SPRAC)
- Section 8 Housing Assistance Payment (HAP) contracts
- Multifamily Housing properties insured under Sections 223(a), 223(f), 221(d), 221(d), 220, 231, 236, and 241(a)

The Portfolio Manager software-which must be used to meet HUD benchmarking requirements-calculates and reports these metrics in a standardized report format. This report may also include property identifiers (such as address and HUD contract number), building characteristics and other summary-level data underlying the benchmarking score calculations.



The ENERGY STAR Score for Water is currently pending release by EPA, and so it will not be required until it is available. HUD will provide at least 90 days advance notice before a requirement to submit water efficiency data goes into effect. [[More](#)]

Highlights of AIA's Home Design Trends Survey

Residential design has changed minimally during the economic recovery, while community design has shifted more toward infill development, according to the quarterly AIA Home Design Trends Survey just released. This iteration of the survey delves into neighborhood and community design activity during the third quarter of 2016, and includes responses from more than 500 residential architecture firms.

Mixed-use facilities, access to public transportation, and high-density development were among the top five community design trends during the third quarter, which all speak to the needs of urbanization as more

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FGBC Welcomes New Members

Erin Rosica

[FL Dept of Agriculture and Consumer Services Office of Energy](#)
Tallahassee

Martin Maganiezin

Jupiter

Kelli McGee

[Natua Strategies](#)
Daytona Beach

Jennifer Pell

[WCI Communities](#)
Bonita Springs

Mason Rose

[WCI Communities](#)
Bonita Springs

Education Opportunities

February 9, 2017

FGBC Certifying Agent Annual Verification Class
Orlando, FL
[[Register](#)]

February 23-24, 2017

FGBC Certifying Agent Designation Course
Cocoa, FL
[[Register](#)]

April 4-5, 2017

FGBC Certifying Agent Designation Course
Cocoa, FL
[[Register](#)]

May 11, 2017

FGBC Certifying Agent Annual Verification Class

people move from the suburbs and closer to city cores.

Other trends:

- After years of growth, multi-generational housing is leveling off
- Residential design trends show contemporary styles with front & side porches most popular
- Low maintenance materials still dominate consumer choices for products
- Demand for more and larger windows is increasing

The remodeling sector continues to account for the largest share of business activity among the residential market [[More](#)] [[Full Report](#)]

TECHNOLOGY UPDATE

Ventgrid Rainscreen - Envelope Moisture Control

Ventgrid can be used to provide an air space behind siding, under roofing, and between a concrete slab and flooring. It is a 1/2-inch-thick panel made from high-density polyethylene that, according to the manufacturer, won't support the growth of mold, is easy to work with, and has several advantages over competing products. Ventgrid is made from post-consumer recycled plastic.

It's not affected by UV, meaning it can be left to the weather for extended periods of time without degrading, and is unaffected by low temperatures. As to strength, the non-compressible grid can handle compressive loads of 20,000 pounds per square foot before failing. When used under siding, each sheet has a rated vertical load capacity of 8,000 pounds.

Ventgrid comes in 4-foot by 8-foot sheets that weigh 8 pounds each. The sheets can be cut much like gypsum wallboard: score the sheet along the intended cut and snap it. It costs \$32-\$36 per sheet, depending on the retailer. [[More](#)]

Huber's ZipSystem R-Sheathing Helps Meet New Energy Codes

Huber Engineered Woods has introduced a new ZipSystem R Sheathing to address increasing wall R-value requirements in the energy codes. The system has a built-in weather-barrier and air-sealing skin that now comes with foam attached. The sheathing provides

Fort Myers, FL
[[Register](#)]

[Energy Star Webinars](#)

[Florida Solar Energy Center \(FSEC\)](#)

[Building America Webinars](#)

[Build Your Future Scholarships](#)

[Multi-Family & High-Rise Webinars](#)

Calendar of Events

February 2, 2017
3 p.m. - 6 p.m.
Green Home Tour
445 Ocean Vista Avenue
St. Augustine, FL
[[More](#)]

February 8, 2017
American Planning Association Florida Chapter
Public Policy Workshop
University Club, Doak
Campbell Stadium
Tallahassee
[[More](#)]

February 27 - March 1, 2017
RESNET
Scottsdale, AZ
[[More](#)]

March 7-8, 2017
GreenPrints
Georgia State University
Student Center
Atlanta, GA
[[More](#)]

March 12-15, 2017
Southeast Recycling Conference & Trade Show
Hilton San Destin Golf
Resort & Spa
Destin, FL
[[More](#)]

March 24-25, 2017
FL Refrigeration & AC Contractors Assn. Annual Conference
Caribe Royale
Orlando, FL
[[More](#)]

March 27-29, 2017
FHBA Legislative

enough insulation value to meet code and fend of condensation problems in all U.S. climate zones. One installation gives you structural sheathing, an air-sealed weather-resistive barrier, added wall R-value, and a thermal break.

Perhaps what's best is that R-sheathing panels can be installed with a pneumatic nailer, providing a fast method of installing continuous exterior insulation compared with screwing on rigid insulation. And because the OSB structural sheathing is outboard of the foam, you get a ready nail base for attaching siding. [\[More\]](#)

Winter Park Recognized as No. 2 City With Strongest Sustainability Programs

Sustainable city expert Kristopher Stenger has compiled a list and ranking of U.S. cities based on the strength and the effects sustainability and energy-efficiency efforts, as well as a guide on sustainable practices for individuals and organizations.

Seattle topped the list of cities with its wide range and substantial improvement in sustainable and energy-efficient practices, policies, and programs. The city has seen a 38% increase in its solar capacity since 2008, alongside a 179% increase in LEED certified structures and a 40% increase in Built Green buildings. Its Drive Clean Seattle initiative encourages the use of electric cars, and its Food Action Plan promotes healthy, local, sustainable food production. The city currently aims to divert 70% of its waste into compost and recycling by 2022.

Winter Park ranked second. The city gained Gold level-certification as a [Florida Green Local Government](#) by the [Florida Green Building Coalition](#) in 2012. In 2015, Winter Park adopted its first [Sustainability Action Plan](#). Stenger notes that the plan helps provide timelines and direction for the city and was created with input from various community boards, local groups, and individuals. Through the plan, the city aims to improve quality of life, become more energy independent, protect and enhance air quality, water quality and natural systems, and save money. Stenger notes that under the plan, the city will soon be the first one in the nation to have the " [Recycle Across America](#) " standardized labeling on its curbside rollout single stream bins. This effort helps educate residents on how to recycle with less confusion. [\[More\]](#)

Conference
Tallahassee, FL
[\[More\]](#)

April 20-21, 2017
Florida Association of Native Nurseries
Native Plant Show
Bradenton Area Convention Center
Bradenton, FL
[\[More\]](#)

April 24-27, 2017
CxEnergy Conference & Expo
Omni Orlando Resort
At ChampionsGate
Orlando, FL
[\[More\]](#)

April 27-29, 2017
AIA Annual Convention
Orange County Convention Center
Orlando, FL
[\[More\]](#)

Certification News

Homes
Registered: 14,348
Certified: 14,250

Commercial
Registered: 45
Certified: 15

High Rise
Registered: 54
Certified: 20

Land Developments
Registered: 62
Certified: 13

Local Government
Registered: 87
Certified: 63

Recent Certifications

Centro
Location: Miami
Type: High-Rise
Certified: 12/16/16
Score: 154
Level: Silver

City of Aventura
Location: Aventura
Type: Local Government
Certified: 11/4/16
Score: 32
Level: Silver

Florida Slips to 36th of Most Healthy States

Florida fell three notches to 36 among all 50 states in the annual "[America's Health Ranking](#)" for 2016 released recently by the [United Health Foundation](#), a nonprofit arm of insurer United Health Group.

The report ranks each state across 34 measures of behaviors, community and environment, policy, clinical care, and outcomes. This year, northeastern states generally rank among the healthiest overall states, while southeastern states generally rank among those states with the greatest challenges. [\[Report\]](#) [\[More\]](#)

Become an FGBC Certifying Agent

Want to add to your earning potential and earn a professional designation? Become a green building Certifying Agent for the Florida Green Building Coalition, allowing you to work with builders to verify projects meet the requirements of green certification. This is a great add-on credential for energy raters, home inspectors, and sustainability consultant. [More info and view course schedule](#) .

California Approves Nation's First Computer Energy Standards

In a significant milestone in reducing a large power use in our homes, businesses and schools, California approved the nation's first energy efficiency standards for computers and monitors. And because California is home to one in eight U.S. consumers and manufacturers typically do not maintain separate inventories for different states, the savings are likely to have an impact nationally and even globally.

Desktops, which use about four times as much power as a typical laptop or notebook computer, must reduce power draw by roughly 30 percent when idle, effective January 1, 2019, and ultimately by nearly half by July 1, 2021. Notebooks, which already are more efficient, will undergo more modest energy efficiency improvements.

The new rules are stronger than the voluntary standards manufacturers now must meet for their computers to qualify for the ENERGY STAR[®] label. [\[More\]](#)

Recent Registrations:

NOMA Apartments

Location: North Miami Beach
Type: High-Rise
Size: 605,591 s.f.

Miami Center 747

Location: Miami
Type: High-Rise
Size: 329,000 s.f.

FGBC Committee Meetings

Board of Directors

2nd Wednesday
Monthly
3 p.m.

Commercial

1st Tuesday
Monthly
2 p.m.

Education

1st Thursday
Monthly
3 p.m.

High-Rise

3rd Tuesday
Monthly
11 a.m.

Homes

2nd Tuesday
Monthly
2 p.m.

Land Development

4th Wednesday
Bi-Monthly
2 p.m.

Local Government

3rd Thursday
Monthly
10:30 a.m.

Programs & Promotions

3rd Tuesday
Monthly
3 p.m.

Funding Opportunities

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

[South Florida WMD Water Programs](#)

[Southwest Florida WMD Water Programs](#)

Workshop Aims at Increasing Appraiser Competency on Valuing Green Buildings

Scheduled for February 24, 2017 in Fort Lauderdale, this one-day introduction course focuses on the evolution of green buildings, the concept of sustainability in buildings, and the principles, practices, and components that distinguish sustainable from conventional buildings.

Upon completion of the course, participants should be able to:

- Recognize competency and standards implications of appraising green buildings
- Understand the evolution of green buildings
- Understand the six elements of green building
- Identify benefits and costs of green buildings
- Recognize the green building certification and ratings programs for energy conservation and sustainability
- Understand the primary areas of green reporting
- Understand highest and best use implications
- Consider the three approaches to value in context of green buildings

Instructor: Sandra Adomatis

[[Register](#)]

EV Charging Station Rebates Offered by Sarasota County

Sarasota County government is launching a program to boost the number of Electric Vehicle (EV) charging stations across the county. The ChargeUP! Sarasota County program will rebate up to half the cost of buying and installing a limited number of new charging stations, with a goal to make it easier and more affordable for targeted businesses, non-profits and government organizations to add new stations for public use. Rebates are:

- Businesses: 25 percent of cost, up to \$2,000 maximum
- Non-profits or government organizations: 50 percent of cost, up to \$4,000 maximum

In order to fill gaps in the current network of charging stations, rebates will be limited to installations at the following types of targeted locations:

[FHFC Multifamily Energy Retrofit Program \(MERP\)](#)

Job Opportunities

[APA Florida Job Board](#)

[Green Dream Jobs](#)

[Florida Facility Managers Assn Job Board](#)

- Tourism attractions
- Hotels
- Retail hubs
- Community centers
- Government properties with significant visitor numbers (county reserves the right to review the proposed location and discuss possible alternatives that attract more visitors)
- Major employers (more than 150 full-time equivalent employees at that location)

The charging station must be Level 2 (240-volt) chargers with SAE J1772 charging plugs or Level 3DC Fast Chargers (480-volt) with two ports (SAE Combo and CHAdeMO connectors). [[More](#)]

MEMBER SPOTLIGHT: Kristin Triolo



Kristin Triolo is broker/owner of Sarasota Homes International, a full service real estate brokerage firm serving the Florida Gulf Coast, specializing in residential green properties, vacant land, and investment real estate.

Kristin is a National Association of Realtors Certified Green Realtor (2010) and a contributing member of the Realtor Association of Sarasota & Manatee (RASM) Green Committee. She is past chair of the Sarasota Association of Realtors Green Realtor Alliance Committee (GRAS).

In 2017 she was appointed to serve on the Board of Directors for the Florida Green Building Coalition and selected to serve as Vice Chair of the Professional Development Committee for RASM. In addition, she will oversee the RASM Green Committee and its Leadership Academy.

She has held leadership roles in Florida Realtors, the Realtor Association of Sarasota & Manatee, the Women's Council of Realtors, and the Certified Residential Specialist (CRS) organization.