

THIRD ANNUAL



Explore what alternative energy has to offer!

Highlighting Go SOLAR Florida

October 9-10, 2015



**Renew a Life...
Adopt a Pet!**
October 10, 2015
10 am - 4 pm



FPL

Go SOLAR Renewable Energy Fest
power exclusively sponsored by
Florida Power & Light



TIM RYAN, Mayor

Board of County Commissioners District 7
115 S. Andrews Avenue • Fort Lauderdale, Florida 33301
(954) 357-7007



Dear Go SOLAR Fest Attendees,

On behalf of the Broward County Board of County Commissioners, I would like to welcome you to Broward County's Third Annual Go SOLAR & Renewable Energy Fest. Over 50 exhibitors sharing the newest solar and renewable energy technologies are participating in this event. We have changed the format of the third Fest to reflect past attendees' preferences. This year, our event will be less of a conference and more of an expo to feature the products and services of our exhibitors.

I would like to emphasize just a few of the features of this year's Fest. The "*Exhibit to Go SOLAR*" feature will provide exhibitors the opportunity to explain and illustrate their business and provide insight to attendees on the benefits and challenges faced in today's solar and renewable energy climate here in Florida. Short presentations will be given throughout the Fest on the stage in the exhibit hall (see page five).

We've brought back a popular feature of the Fest – training. This year a variety of training programs, including training that provides Continuing Education Units for a variety of professionals, is offered at the Fest in Rooms 113 and 114 (see page seven).

You can also learn about the accomplishments of Go SOLAR Florida, a U.S. Department of Energy Rooftop Solar Challenge Grant project. The primary aim of this grant is to catalyze solar power through streamlining the permitting processes and cutting through the red tape. An overview and demonstration of the *Solar Plans Designer*, a key deliverable of the grant, will be given on October 9 from 12:30 to 1 PM in room 113. You can also learn more about the grant at the Florida Solar Energy Center booth and at the Go SOLAR Florida booth in the exhibit hall (see page three).

Other fun activities at the Fest include an electric car display in the rear of the exhibit hall, an FPL provided photo booth, a Go SOLAR Florida portrait station where you can tweet your photo to your network of friends, and an opportunity on Saturday to adopt lovable dogs and cuddly cats as part of Broward County Animal Care's "Renew a Life – Adopt a Pet" (located in booths 113-117).

This event is an exciting opportunity to promote solar within Broward County, showcase Broward County and its partners' successes, and lay the groundwork for future solar related progress. We are so thrilled that you are partaking in this Go Solar initiative, and invite your continued participation as we aim to accomplish the goal of more renewable energy here in Broward County and our region at large.

Sincerely,

A handwritten signature in black ink that reads "Tim Ryan".

Tim Ryan, Mayor
Broward County Florida

Broward County Board of County Commissioners

Mark Bogen • Beam Furr • Dale V.C. Holness • Martin David Kiar • Chip LaMarca • Stacy Rittler • Tim Ryan • Barbara Sharief • Lois Wexler
broward.org

Go SOLAR Florida Receives Department of Energy Award to Increase Use of Solar Energy

The U.S. Department of Energy (DOE) has awarded the Go SOLAR Florida team a \$1.6 million SunShot Initiative Rooftop Solar Challenge II competitive award to make it easier for Floridians to obtain grid-tied solar installations. Go SOLAR Florida is one of 8 recipients of a Rooftop Solar Challenge II award nationwide. The purpose of the award is to improve the affordability of solar and increase the use of and access to solar energy among the state's residents and businesses by reducing market barriers, lowering non-hardware related installation costs, and increasing access to financing options.

The Go SOLAR Florida team will:

- Improve and streamline the solar permitting process by standardizing application forms, fee tables and inspection requirements thus expediting issuance and reducing soft costs
- Create an online application that produces code compliant pre-certified electrical and structural plans for rooftop photovoltaic (PV) installations, lowering plan development costs
- Enhance availability of statewide solar financing options
- Advance best practice standardized solar friendly zoning regulations
- Promote solar and solar rights demonstrating the importance of clean energy and the related job creation
- Model the benefits of intergovernmental cooperation, working toward a critical mass of solar activity
- Aggressively market solar energy and solar installations across the state of Florida
- For more detailed information on these initiatives, visit: GoSolarFlorida.org

Go SOLAR Florida is a partnership of Florida counties, including Alachua, Broward, Miami Dade and Orange, cities, and the Florida Solar Energy Center (FSEC) representing approximately 4 million Floridians.

Key Benefits:

- Lower costs associated with plan development
- Rapid process from design to permitting
- Reliable system for code compliant drawings
- Standardized format for ease of use in the field
- Streamlined and consistent training
- Centralized solar component and plans website for all of Florida:

GoSolarFlorida.org

Code Compliance:

One key to the success of this system is the generation of plans that can be accepted with confidence by building officials. The design process is based on calculation algorithms developed from the applicable electrical and structural codes, industry standards, and current research. These algorithms will be reviewed by design professionals, tested, and refined to ensure outcome is code compliant and all required calculations and documentation will be included. The system will be continuously maintained by engineers with input from code officials to accommodate code changes and other updates.

Go SOLAR Fest's I, II and III: Promoting and Teaching the Benefits of Solar Energy:

The first two Fest's have each brought together over 2,000 attendees and over 120 exhibitors to share and learn about the solar industry in Florida. Go SOLAR Fest III promises to do the same while spotlighting exhibitors, and the Go Solar Florida online permitting system for rooftop photovoltaic (PV), including an online application to produce electrical and structural plans.

Spotlight #1: During the Fest, exhibitors will be giving brief company presentations on the Exhibit to Go SOLAR Fest stage, for more information and a presentation schedule see page 4.

Spotlight #2: During the Fest, the Go SOLAR Florida Permitting/Electrical and Structural Plans System will be demonstrated, for more information stop by the Go SOLAR Florida or FSEC booth or attend a demonstration being given on Friday from 12:30-1:00 in room 113.



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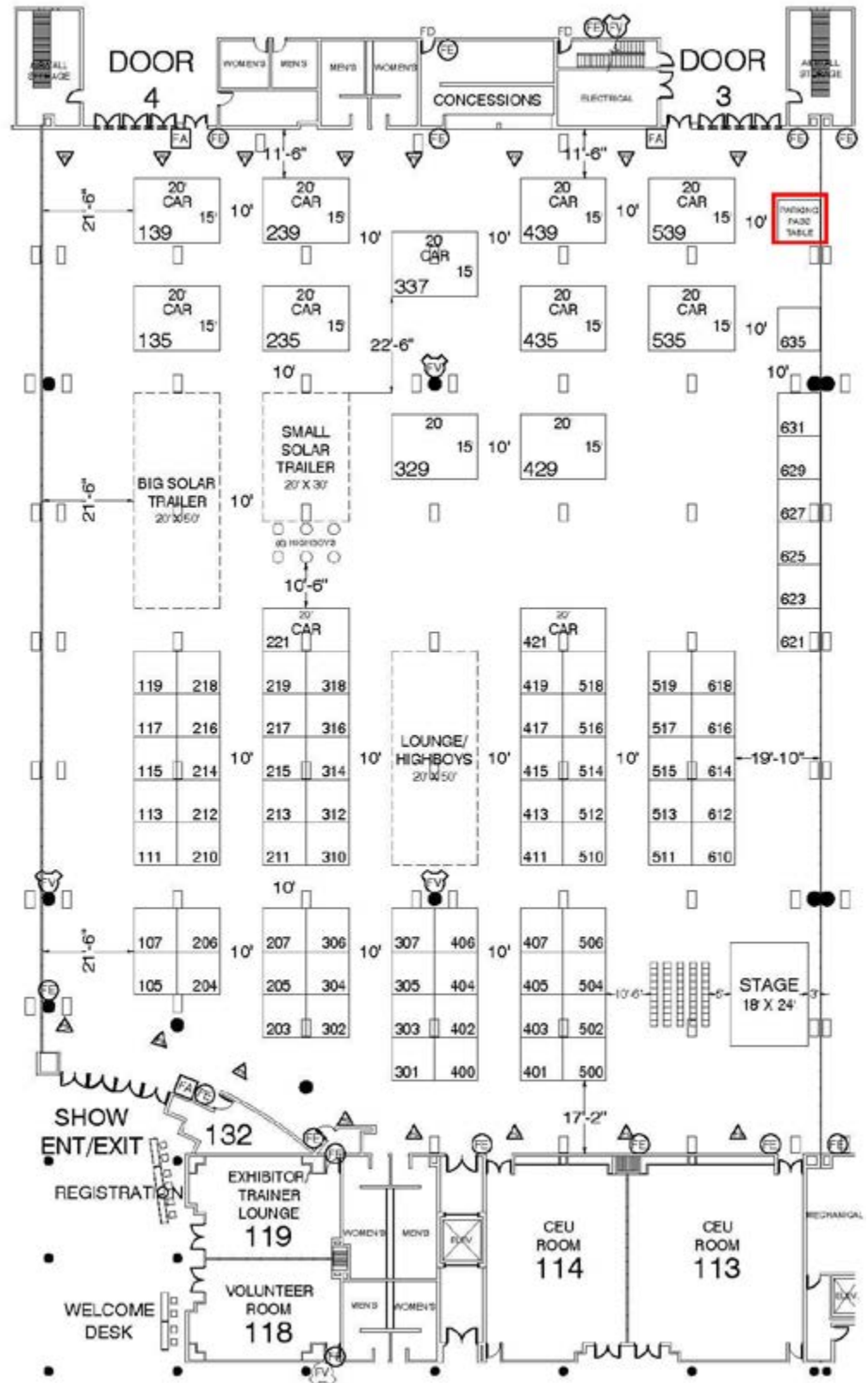
Visit www.Broward.org/bct for more information on real time.

Now sit back and enjoy the ride.

If you have any questions for BCT, call customer service at 954-357-8400; TTY 954-357-8302 or visit Broward.org/BCT.

Third Annual Go Solar Renewable Energy Fest Exhibitor Booths

Booth #	Exhibitor Name
105	Florida Power & Light
107	Florida Power & Light
111	Schroeder Solar Energy
113	Broward County Animal Care
115	Broward County Animal Care
117	Broward County Animal Care
119	Advanced Green Technologies
203	Broward College
205	Broward College
207	Broward County Port Everglades
210	Miami Herald Media Co
211	Solectrica
212	Broward County Transit
213	Alachua County
214	Consumers for Solar Choice
215	SolarQuest USA
216	Florida Local Environmental Resource Agencies
217	Broward County Office of Economic & Small Business Development
218	Alternate Energy Company
219	ApexTek Labs
221	Western High School
301	Clean Footprint
302	Just Electric and Solar LLC
303	Floridians for Solar Choice
304	Illume Energy Services
305	DC Battery Specialists
306	Broward County Port Everglades
307	The Energy Store
310	Solectrica
312	Inerjy
314	Environmental Water & Power Generation
316	Environmental Water & Power Generation
318	Western High School Solar Car Program
400	Clean Footprint
401	BeacCorp
402	DB General Contractor
403	Smart Procure
404	Broward County Environmental Planning
405	EMERTECH
406	Zina Sunshine
407	Solar One Financial
411	PCM Solar
413	Grid Squad LLC
415	Enerize Corp
417	Enerize Corp
419	Solar Knights
421	Solar Knights
429	Crown Electric
435	Lipton Toyota
439	Lipton Toyota
500	BeacCorp
502	Go SOLAR Florida
504	Go SOLAR Florida
506	Solar One Financial
510	LED are Us
511	Sunergy World, Inc
512	Energy Care Technologies Corp.
513	Vapster-Diesel
514	Brighter Future Foundation
515	Sunshine Solar Services
516	Bath Crest



517	International Dark Sky Association
518	Bath Crest
519	JCM Electronics
535	Lipton Toyota
539	Lipton Toyota
610	Global Hybrid Group Electric Bike
612	Eco Tech Visions

614	Bison Roofing and Solar
616	Bison Roofing and Solar
618	Florida Solar Energy Center
635	Lipton Toyota
Red	Parking Pass Table

Third Annual Go Solar Renewable Energy Fest Exhibitors



Exhibit to Go SOLAR - Presentation Schedule

Friday, October 9th

TIME	PRESENTER
10:00-10:30a	Opening/Setup
10:30-10:40a	***Event Introduction***
10:45-10:55a	Lisa Mendheim/BC Animal Care (10m)
11:00-11:20a	Bob Montanaro/Solectria
11:25-11:45a	Scott Schroeder/Schroeder Solar Energy
11:50-12:00p	John Iacovelli/Grid Squad LLC (10m)
12:05-12:25p	Randolph Bell/ BeacCorp
12:30-12:40p	Stephanie Montalvo/Brighter Future Foundation (10m)
12:45-1:05p	Carrie Kashar, Samantha Baker/BCEPCRD
1:05-2:00p	LUNCH BREAK
2:00-2:10p	Dr. Chin-Tang Liu/Western High School (10m)
2:15-2:35p	Jeff Johnston/Zina Sunshine
2:40-3:10p	Doug Griffin/Solar One Financial (30m)
3:15-3:25p	Diana Umpierre/International Dark-Sky Association (10m)
3:30-3:50p	Jeff Moore/Environmental Power & Water Generation
3:55-4:15p	Jamie Schlinkman/Inerjy
4:20-4:40p	Buck Martinez/Florida Power & Light

Saturday, October 10th

TIME	PRESENTER
10:00-10:30a	Opening/Setup
10:30-10:40a	***Event Introduction***
10:45-10:55a	Lisa Mendheim/BC Animal Care (10m)
11:00-11:20a	Colleen Clark/ PCM Solar
11:25-11:45a	Bob Mellifont/Sunergy World, Inc.
11:50-12:10p	Joe Naroditsky/AGT Roofing
12:15-12:45p	Doug Griffin/Solar One Financial
12:45-2:00p	LUNCH BREAK
2:00-2:20p	Jasen Hunt, Michael Rogatinsky/Solar Knights
2:25-2:35p	Diana Prkacin/DB General Contractor (10m)
2:40-2:50p	Dr. Elena Shembel/Enerize Corporation (10m)
2:55-3:15p	Carrie Kashar, Samantha Baker/BCEPCRD
3:20-3:30p	Conclusion & Salutations

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FPL DeSoto Next Generation Solar Energy Center, DeSoto County, Fla.

At Florida Power & Light, we've been advancing solar affordably for more than a decade. Our solar energy centers across Florida provide all of our customers with power generated from Florida's sunshine. And before the end of 2016, we're tripling the amount of solar we use, building three more large-scale solar power plants and bringing solar to local communities through partnerships with places like Broward's Young At Art Museum & County Library.

For more, visit FPL.com/solar



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Go Solar Fest thanks Port Everglades for providing FREE parking for the Fest



Go Solar Fest thanks Broward County Transit for providing bus advertising for the Fest



Training and Continuing Education Units (CEUs)

The Third Annual Go SOLAR Renewable Energy Fest organizers are offering training and Continuing Education Units (CEUs) at our event. Five different sessions are being offered for FREE. Three of them will provide CEUs. Attendance for these courses is free, but all attendees must register by completing the forms available at the Information Desk.

1. Florida Residential Energy Code Compliance Methods, Tools and Verification will be held on Friday, October 9 from 9:00 am until 1:00 pm in Hall B, Room 113. This class will provide 4 CEUs to any of these Professional Boards:

- Construction Industry Licensing Board (CILB)
- Building Code Administrators and Inspectors (BCAI)
- Board of Landscape Architects (BOLA)
- Electrical Contractors Licensing Board (ELCB)
- Florida Board of Professional Engineers (FBPE)

2. LEED V4: A Comparison of Changes will be held on Friday, October 9 from 10:00 am until noon in Hall B, Room 114. This class will provide 2 CEUs for Leadership in Energy and Environmental Design (LEED) professionals.

3. 200 LEED Projects: Lessons Learned will be held on Friday, October 9 from 1:00 pm until 3:00 pm in Hall B, Room 114. This class will provide 2 CEUs for Leadership in Energy and Environmental Design (LEED) professionals.

Attendance is free and walk-ins are encouraged. No forms required for the two classes below.

4. A fourth class, **Solar Rights**, will also be offered on Saturday, October 10 from 11:00 am until noon in Hall B, Room 114. This workshop is designed to educate Residents, Building Officials, Contractors, and Community Association Managers about solar access and their legal right to install rooftop solar systems.

5. A fifth option, an **Overview and Demonstration of the Solar Plans Designer**, will be offered on Friday, October 9 from 12:30 until 1 pm by Stephen Barkaszi from the Florida Solar Energy Center in Hall B, Room 113.

The Solar Plans Designer is a new way to issue solar PV permits in the state of Florida. This project is a key deliverable of the Go SOLAR Florida grant project which is funded by the US Department of Energy to reduce soft costs of solar permitting. While not complete, considerable progress has been made to automate, standardize and centralize the creation of pre-approved electrical and structural designs which can then be submitted to the appropriate jurisdictions for permitting.



Rob Hink, LEED AP, is Principal and Owner of The Spinnaker Group, a consulting firm whose team has extensive experience in the application of the USGBC LEED rating systems. The Spinnaker Group also provides sustainable-design and LEED-related training specifically tailored to meet the needs of organizations. Rob holds

a B.S. in Mechanical Engineering. He has more than a decade of full-time green-design and commissioning experience, and more than 25 years experience in facilities management, project management and energy management, and control systems. Rob's firm is currently involved in more than 200 LEED projects including more than 60 certified projects, both locally and internationally, and the firm has provided commissioning services on more than 300 million square feet of buildings.



Colleen Kettles is a Program Director at the Florida Solar Energy Center. She serves as the Coordinator of the Central Florida Clean Cities Coalition and is engaged in alternative energy workforce development and training initiatives. Colleen has worked in both the public and private nonprofit sectors and has more than 35 years of legal and policy

research, program development and implementation in the fields of solar energy and energy efficiency. Colleen is a graduate of the University of Florida College of Law and is a member of the Florida Bar, serving on the Environmental and Land Use Law Section Energy Committee and the Real Property, Probate, and Trust Law Section Development and Green Building Committee.



Stephen Barkaszi is the Program Director for PV Systems Test and Certification Department at the Florida Solar Energy Center (FSEC). Mr. Barkaszi joined FSEC in 1993 and initially worked in the Building Design Assistance Center evaluating building systems and equipment for energy-savings potential for utilities

and consumers. He later joined the Photovoltaics and Advanced Technologies Division at FSEC. Areas of research include: photovoltaic components and system testing, product certification, PV system design, code inspections and commissioning, module durability, failure analysis, building-integrated PV applications, module mounting structures and wind loads on PV arrays.



Craig Miller's background and related experience focuses on energy and water efficiency in the design and construction of single-family residential construction. His primary efforts have been the delivery of educational programs for licensed built environment professionals including Building Contractors, Architects, and Building

Officials. Craig also develops and delivers Florida Building Code educational materials related to Mechanical/Energy and Structural Wind Loads as directed by the Florida Building Commission. Craig's primary interest and responsibilities include:

- Building Envelope Efficiency
- Indoor Environmental Quality
- Heating Ventilation and Air Conditioning Systems
- Building Codes
- Energy and Water Efficiency

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- Gives your pet a "voice" so he can be identified
- Earns your pet a "free ride home" if he becomes lost from home the first time



Go Solar Fest Raffle!

Go SOLAR Florida is conducting several raffles to encourage participants to complete and submit their survey. Completed surveys are to be returned to the **Welcome Desk** or to the **Go SOLAR Florida Booth #502 and 504**. Present your completed survey to staff, tear off the raffle ticket on the bottom of the survey and place in the brass raffle tumbler. The survey portion will be placed in a gray metal box. Raffle prizes include:



- Solar Motion Light
- Solar Powered Casio Watch
- Solar Charger

Raffle Prizes Schedule

	Friday October 9 Show Hours 10 am until 5 pm	Saturday October 10 Show Hours 10 am until 4 pm
1st Raffle	For participants of Florida Residential Energy Code Compliance Methods, Tools and Verification Training only, Hall B, Room 113.	Exhibit Hall Stage at 11:30
2nd Raffle	Exhibit Hall Stage at 1:00 pm	Exhibit Hall Stage at 1:00
Children's Raffle	None	Exhibit Hall Stage at 2:00 pm
3rd Raffle	Exhibit Hall Stage at 3:00 pm	Exhibit Hall Stage at 3:00 pm

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Contact us to learn more!
Robin Swanson

rswanon@broward.edu - (954) 201-2623



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GO SOLAR | FLORIDA
Hosted by the Go SOLAR Florida Team



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Wake Up First South Florida

GREATER FORT LAUDERDALE • BROWARD COUNTY
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