



**GO SOLAR** **BROWARD COUNTY**  
FLORIDA

# Fest



**Highlighting the Success of Broward County  
and Our Partners  
Go SOLAR Rooftop Solar Challenge  
January 25 - 26, 2013**



GREATER FORT LAUDERDALE • BROWARD COUNTY  
**CONVENTION CENTER**



**1950 Eisenhower Blvd., Fort Lauderdale**

Hosted by the Broward County Board of County Commissioners  
Environmental Protection & Growth Management Department  
[broward.org/gogreen](http://broward.org/gogreen)



This material is based upon work supported  
by the U.S. Department of Energy and the  
Broward Go SOLAR Team under Award  
Number DE-EE0005701.





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 Go SOLAR Fest.

Today, you'll learn about the accomplishments of the Go SOLAR Program, a U.S. Department of Energy Rooftop Solar Challenge Grant project. On February 14, 2012, Broward County, with the help of its 14 participating partner cities, became the only local government awarded this Department of Energy grant within the Southeastern United States. The primary aim of this grant is to spur solar-power deployment through streamlining the permitting processes and cutting through the red tape.

Over 50 exhibitors sharing the newest solar and renewable energy technologies are participating in this event. Speakers from a variety of backgrounds will be sharing different aspects of the solar industry, including successes and ongoing challenges.

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 grants. We are so thrilled that you are partaking in the Go Solar initiative, and we look to you for assistance as we aim to accomplish the goal of renewable energy here in Broward County and our region at large.

Sincerely,

A handwritten signature in blue ink that reads "Kristin Jacobs". The signature is fluid and cursive.

Kristin Jacobs, Mayor  
Broward County Florida



## What is the Go SOLAR Broward Rooftop Solar Challenge?

The objective of this U.S. Department of Energy (DOE) Rooftop Solar Challenge is to achieve improvements in market conditions for rooftop photovoltaics (PV) across the United States, with an emphasis on streamlined and standardized permitting and interconnection processes. This nationwide effort engages local and state governments along with utilities, installers, nongovernmental organizations and others to make solar energy more accessible and affordable.

The DOE recognizes the importance of tackling nonhardware costs (customer acquisition, permitting, installation, inspection and interconnection) which currently make up approximately 30 - 40 percent of the total installed cost of rooftop PV systems. According to the DOE, specific market barriers such as restrictive interconnection standards, and local land use policies limit PV market potential even in the face of significantly reduced system costs. As with nonhardware costs, addressing these market barriers requires careful coordination with many parties, in particular, state and local governments. The objective of the Go SOLAR Broward Rooftop Solar Challenge is to make the process of going solar simpler, faster and more cost effective for residents and businesses.

### You're just a click away from your solar permit, the Go SOLAR Online Permitting System is Live!

Imagine a process that currently takes weeks to accomplish that is now reduced to a few clicks of your mouse button. Imagine also the system that you're utilizing is unique to Broward County and the entire County. The Go SOLAR Online Permitting System is an accomplishment made possible by the Go SOLAR Broward Rooftop Solar Challenge. This is a U.S. Department of Energy grant-funded program that makes it easier for Broward County residents and businesses to convert to solar energy by reducing the cost and wait time associated with the permitting process for installing rooftop solar PV systems in these participating cities:

- Coconut Creek
- Dania Beach
- Davie
- Deerfield Beach
- Fort Lauderdale
- Hallandale Beach
- Hillsboro Beach
- Lauderdale-By-The-Sea
- Miramar
- North Lauderdale
- Oakland Park
- Pompano Beach
- Sunrise
- Tamarac
- Unincorporated Broward County

Solar energy has long-term economic and environmental benefits, but the traditional application and permitting process for PV system installation varies across Broward's 31 municipalities, and can be a barrier to those interested in retrofitting their home or business for increased energy efficiency.

The Go SOLAR Broward Rooftop Solar Challenge program removed that barrier by offering home and business owners (and/or their contractors), a streamlined, online permitting application system with standardized fees, pre-approved PV system design plans, and uniform interconnection to utility systems. This online system is available 24/7 and a permit can be obtained within minutes.

"It is now easier to purchase, permit and utilize solar energy. Broward is the only government or organization in Florida to receive money from this grant," said Mayor Kristin Jacobs. "Broward cities are partnering with the County to benefit from this program. Vast collaboration has taken place to make this opportunity possible. This is a perfect example of celebrating Broward County's 'Year of Our Neighbor' and I am encouraging everyone to take advantage of solar energy and utilize the Go SOLAR Broward Rooftop Solar program its many benefits."

### What Are the Benefits of Solar Energy?

#### • Save on energy bill throughout the life of the system.

The initial cost of installing rooftop solar PV systems can be high; however, these costs can be recovered over the lifetime of this system through reduced energy bills as the solar energy offsets the need for energy from your utility company.

#### • Cleaner source of energy and energy independence.

Rooftop solar PV systems have very little impact on the environment, making rooftop solar PV systems one of the cleanest power-generating technologies available today. While PV systems are converting solar energy into electricity, they produce no air pollution, hazardous waste or noise. Also, the more electricity generated from solar power, the less our country relies on fossil fuels and imported sources of energy.

#### • Results in greenhouse gas reductions.

Rooftop solar PV systems can also play an important role in lowering greenhouse gas (GHG) emissions by replacing coal-powered energy sources with clean, renewable solar technologies. These GHG emissions reductions will in turn improve air quality and lessen the harmful impacts that contribute to climate change.

#### • Florida Power and Light (FPL) – Solar Rebate Program.

FPL offers a \$2 per watt rebate for residential solar systems. The business rebate for PV systems provides a rebate of \$2 per watt for systems up to 10 kilowatts, a rebate of \$1.50 per watt for systems between 10 kilowatts and 25 kilowatts, and \$1 per watt for all systems larger than 25 kilowatts. Visit the FPL website for more information.

#### • Residential Renewable Energy Tax Credit.

A taxpayer may claim a credit of 30 percent of qualified expenditures for a solar system. Visit [dsireusa.org](http://dsireusa.org) for information.



## Go SOLAR Fest Agenda

Time	Friday, January 25, 2013	
7:30 - 8:15	<b>Registration - Lobby • Exhibit Hall Open - Floridian Ballroom A &amp; B</b>	
8:15	<b>Welcome and Opening Remarks - Floridian Ballroom C &amp; D</b> Broward County Mayor Kristin Jacobs Congresswoman Debbie Wasserman Schultz Theresa Brier, Broward Director for Congressman Ted Deutch	
8:45	<b>Solar In Broward County, Florida - Floridian Ballroom C &amp; D</b> • Moderator: Jeffery Halsey, Director, Pollution Prevention, Remediation and Air Quality Division	
	<b>Broward's Go SOLAR Program: Lessons Learned, Accomplishments and Future Direction</b>	Bertha Henry, Broward County Administrator Armando Linares, Deputy Director, Environmental Protection and Growth Management Department
	<b>U.S. Environmental Protection Agency and Renewable Energy</b>	Bryan M. Myers, Region 4 Energy and Climate Change Coordinator, U.S. Environmental Protection Agency
	<b>Local Banks Are Investing in Solar Energy</b>	Bob Powell, Regional Vice President of TD Bank, Broward County Allysa Wetcher, PNC Bank Manager of new Net-Zero Branch in Broward County
	<b>Showcase of Solar Projects in Broward County, Florida (video)</b>	
9:40	<b>Break - Exhibit Hall Open - Floridian Ballroom A &amp; B</b> • Latest on Solar Technologies and Products • Interactive Video Recording Kiosk – Tell Us Your Solar Vision! • Schools Solar Art Contest Winners • Solar and Electric Cars	
10:00	<b>Financing, Net Metering, Solar Rights, and Insurance Session - Floridian Ballroom C &amp; D</b> • Moderator: Nancy Gassman, Ph.D. Go SOLAR Financing Committee Leader	
	<b>Net Metering, Interconnection, and Solar Rebates</b>	John McComb, Customer Technology Support, Florida Power & Light
	<b>Florida Power &amp; Light's Financial Incentives and Rebates</b>	Joe Acquaviva, Supervisor, BuildSmart & Solar Programs, Florida Power & Light
	<b>Know Your Solar Rights</b>	George Cavros, Energy and Environmental Law Attorney, Southern Alliance for Clean Energy
	<b>Solar Installations and Insurance Coverage</b>	Robert Foote and Susie Krix, Furman Insurance
	<b>Finance Solutions for Your Solar Project</b>	Wolfgang Beaugrand, MAGE Solar Inc. & Florida Alliance for Renewable Energy Board member
	<b>Overview of Tax Equity Financing Structures for Solar Projects</b>	Kamran Idrees, Associate, Project Finance Group, Chad Bourne & Parke, LLP
11:30 - 12:00	<b>Break - Exhibit Hall Open - Floridian Ballroom A &amp; B • Lunch available for purchase</b> <b>Keynote Address: Building a National Solar Market: Tom Tansy, Chairman of SunSpec Alliance and Program Manager, Solar 3.0 - Floridian Ballroom C &amp; D</b> <b>Partners Recognition</b> • Moderator: Armando Linares, Deputy Director, Environmental Protection and Growth Management Department	
12:45	<b>A Blueprint for Successful Renewable Energy Applications - Floridian Ballroom C &amp; D</b> • Moderator: Safiya T. Brea, P.E. LEED AP, Senior Engineer, Chen Moore and Associates	
	<b>Siemens' Public-Private Partnerships in Sustainability</b>	Daniel Wishnick, Business Development for Cities, Siemens Industry, Inc.
	<b>Waste Management's Investment in Renewable Energy</b>	John Albert, Government Affairs Manager, Waste Management, Inc.
	<b>JM Family Enterprises: Local Business Leader in Sustainability</b>	Erik Jacobsen, JM Family Enterprises
	<b>Welcome to the Greater Fort Lauderdale- Broward County Convention Center - LEED Gold Facility</b>	Julia Johnson, Sustainability Programs Manager, Broward County Convention Center
1:30	<b>Break - Exhibit Hall Open - Floridian Ballroom A &amp; B</b> • Latest on Solar Technologies and Products • Interactive Video Recording Kiosk – Tell Us Your Solar Vision! • Schools Solar Art Contest Winners • Solar and Electric Cars	
1:45	<b>The Future of Solar in the Sunshine State - Floridian Ballroom C &amp; D</b> • Moderator: Jennifer L. Jurado, Ph.D., Director, Natural Resources Planning and Management Division	
	<b>Pompano Beach Green Station Demonstration Project</b>	William L. Cross, South Florida Regional Transportation Authority
	<b>A Vision for Solar in the Sunshine State</b>	Cory Ramsel, Senior Manager for Business Development, Florida Power & Light
	<b>Enhancing Florida's Economy and Environment through Clean Energy Technologies</b>	Stephen Barkaszi, Senior Research Engineer, Florida Solar Energy Center
	<b>Solar Powering Your Community</b>	Casey Johnson, Director of Renewable Energy Programs, ICLEI - Local Governments for Sustainability USA
3:00	<b>Closing Remarks - Floridian Ballroom C &amp; D</b> - Broward County Commissioner Martin David Kiar and South Plantation High School Solar Knights	

# Go SOLAR Fest Agenda

Saturday, January 26, 2013

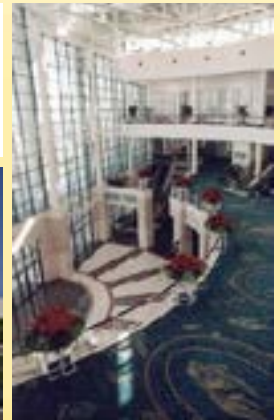
8:30 - 9:00	<p><b>Registration - Lobby</b></p>
9:00	<p><b>Welcome and Opening Remarks - Floridian Ballroom C &amp; D</b> Broward County Commissioner Chip LaMarca</p> <p><b>Solar 101 for Residents, Small Businesses and Interested Stakeholders</b> • Moderator: Jeffery Halsey, Director, Pollution Prevention, Remediation and Air Quality Division</p> <p><b>U.S. Department of Energy's Vision to Advance Solar Nationally</b> – Minh Le, Director, Solar Energy Technologies Office, U.S. Department of Energy</p> <ul style="list-style-type: none"> <li>• <b>Go SOLAR Broward Rooftop Solar Challenge</b> - Armando Linares, Deputy Director, Environmental Protection and Growth Management Department</li> <li>• <b>Benefits of Solar and How Solar Works</b> – Clinton A. Sockman, Vice President of Renewable Energy, Advanced Green Technologies</li> <li>• <b>Financing Options for Solar Projects</b> - Wolfgang Beaugrand, MAGE Solar Inc. &amp; Florida Alliance for Renewable Energy Board</li> <li>• <b>Insurance Coverage for Your Solar Project</b> - Robert Foote and Susie Krix, Furman Insurance</li> </ul>
10:30	<p><b>Break - Exhibit Hall Open - Floridian Ballroom A &amp; B</b> • Latest on Solar Technologies and Products • Interactive Video Recording Kiosk – Tell Us Your Solar Vision! • Schools Solar Art Contest Winners • Solar and Electric Cars</p>
11:00	<p><b>Solar 201 for Residents, Small Businesses and Interested Stakeholders - Floridian Ballroom C &amp; D</b> • Moderator: Maribel Feliciano, Go SOLAR Permitting Committee Leader</p> <ul style="list-style-type: none"> <li>• <b>Know Your Solar Rights</b> - Jason M. Rodgers-da Cruz, Esq., Siegfried, Rivera, Lerner, De La Torre &amp; Sobel, P.A.</li> <li>• <b>Net Metering, Interconnection and Solar Rebates</b> – John McComb, Florida Power &amp; Light</li> <li>• <b>Go SOLAR Online Permitting System Designs</b> - Gino A. Valderrama, PE, Vice President / CLA Operations Manager, TY Lin International</li> <li>• <b>Ask the Experts - Questions &amp; Answers</b></li> </ul>
Noon	<p><b>Closing Remarks</b> – Broward County Commissioner Dale V.C. Holness</p>



Visit the lobby to view the Go SOLAR Poster Contest "Solar Energy at Your School" winning entries from Ms. Pinnell's 8th grade class at Deerfield Beach Middle School.

Tell us your solar vision for South Florida when you visit the video recording kiosk in the lobby.

Showcase of solar and electric vehicles in the Convention Center's ground level next to the outdoor fountain!



## Platinum Sponsors



## Silver Sponsors



## Bronze Sponsors



### Port Everglades

1850 Eller Drive, Fort Lauderdale, FL 33316  
954-468-3501

### Miami Herald Media Company

200 N.W. 150 Ave., #1105, Pembroke Pines, FL 33028  
954-538-7233

### Mr - Solar/Wiremasters Electric

12201 S.W. 128th Court, Suite 101  
Miami, FL 33186  
305-378-1880

### Siemens Industry, Inc

3021 N. Commerce Parkway, Miramar, FL 33025  
954-646-4547

### Florida Power and Light

7201 Cypress Road, Plantation, FL 33317

### Waste Management

2700 N.W. 48 St., Pompano Beach, FL 33073

### Advanced Green Technologies/ Advanced Renewable Energies

2100 N.W. 21st Ave., Fort Lauderdale, FL 33311  
954-522-6868

### Solar World

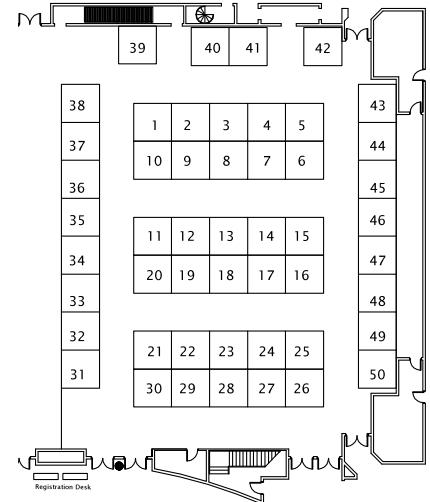
SolarWorld Americas, 4650 Adohr Lane  
Camarillo, CA 93012

### Solar Source

10840 Endeavour Way, Largo, FL 33777  
800-329-1301

## Partnerships ... the key to success

- Coconut Creek
- Dania Beach
- Davie
- Deerfield Beach
- Fort Lauderdale
- Hallandale Beach
- Hillsboro Beach
- Lauderdale-By-The-Sea
- Miramar
- North Lauderdale
- Oakland Park
- Pompano Beach
- Sunrise
- Tamarac
- Unincorporated Broward County
- Florida Power & Light
- School Board of Broward County
- Broward League of Cities
- Broward County Board of Rules and Appeals
- State Office of Energy
- Florida Solar Energy Center



## Go SOLAR Fest Exhibitors

### Booth • Company

- |   |  |  |
|---|--|--|
| 1 S-5!  | 17 T.Y. Lin International                                      | 34 Maroone Nissan of Fort Lauderdale                                   |
| 2 Broward County Transit                                    | 18 Broward County Parks and Recreation,<br>Extension Education | 35 South Florida Energy Savers   |
| 3 South Plantation High School - Solar Knights              | 19 TD Bank   | 36 South Florida Energy Savers   |
| 4 City of Miramar - Public Works Department                 | 20 Sunshine Solar Services, Inc.                               | 37 PCM Solar   |
| 5 Alternate Energy Technologies, LLC   AET Solar            | 21 A National Solar, LLC                                       | 38 Solar Design Group  |
| 6 Great Fort Lauderdale Alliance                            | 22 Schroeder Solar Energy                                      | 39 Mage Solar  |
| 7 JWR Construction/GHL Architects                           | 23 Broward College   | 40 SunHouse  |
| 8 ATI Energia LLC Division of Ambient<br>Technologies, Inc. | 24 Solar Drive   | 41 Solar One Financial   |
| 9 Enviro Team North America                                 | 25 Fast ROI LED Lighting                                       | 42 Broward County ePermit Demonstration                                |
| 10 AllSolar Service Company, Inc.                           | 26 Coronado Custom Homes, Inc.                                 | 43 Lipton Toyota   |
| 11 Waste Management   | 27 Enersave Tech, LLC  | 44 Broward County Facilities Maintenance                               |
| 12 Miami Herald Media Company                               | 28 Broward County Aviation                                     | 45 Robinson Caddy Law Group P.A.                                       |
| 13 Zina Sunshine, Inc.                                      | 29 BeacCorp Property Management                                | 46 Broward County Solid Waste and Recycling                            |
| 14 City of Coconut Creek                                    | 30 SolarWorld Americas   | 47 Broward County Office of Economic and Small<br>Business Development |
| 15 US Green Building Council South Florida Chapter          | 31 Wiremasters Electric  | 48 City of Fort Lauderdale   |
| 16 Cartaya and Associates Architects, P.A.                  | 32 Corporate Insurance   | 49 RE/MAX Preferred  |
|   | 33 The Energy Store  | 50 Florida Power & Light   |

**Mayor Kristin Jacobs  
Broward County  
Commission, District 2**

Kristin Jacobs serves as both the Broward County Commissioner for District 2 and the County Mayor. She is known as a consensus builder and proven problem solver. Jacobs lives with her husband, Stuart, in the Old Pompano neighborhood of Pompano Beach. She is the proud mother of three children and has two grandchildren with one on the way.



Jacobs was first elected in 1998 to represent District 2. Thus began her 14-year record of bringing people together to solve problems. She has earned an established and respected reputation as a visionary who has consistently brought vital issues to the forefront of public attention. A longtime advocate of "green" environmental practices, her work has earned her recognition as an advocate and expert in sustainable growth, clean water, nationally acclaimed and award-winning water conservation programs, climate change, and smart public transit. She is also a champion of human rights and striving for the American Dream. Highlights of her efforts in Broward County include the Living Wage Ordinance (2002), "Year of the Environment" (2005), Climate Change Task Force (2007), Human Rights Ordinance (2008), South Florida Regional Climate Change Summit (2008), and "Year of the Neighbor" (2013).

Her efforts in the County have propelled her onto the national stage. She has been called upon to testify before the U.S. House of Representatives on national water quality issues. In 2010, she appeared with U.S. Representative James Oberstar before Congress to support the America's Commitment to Clean Water Act. In 2011, she was selected to serve as Chair of the White House National Ocean Council's Governance Coordinating Committee, which advises President Obama on local government perspectives on ocean policy. Recently, she was named by President Obama to lead the national council on oceans and coastal region policy.

**Congresswoman  
Debbie Wasserman Schultz**

For more than 18 years, Debbie Wasserman Schultz has dedicated her public life to working on behalf of the people of South Florida. On January 4, 2005, she was sworn in as a member of the United States House of Representatives.



Wasserman Schultz represents Florida's 20th Congressional district, which encompasses parts of Florida as far north as Fort Lauderdale, and as far south as Miami Beach. Before joining the U.S. Congress, she was first a representative and later a senator in the Florida State Legislature. The Congresswoman sits on the House Committee on the Budget, the primary responsibility of which is to draft the annual budget for the United States. The committee sets the aggregate levels of spending and revenue that is expected to occur in a given fiscal year.

Wasserman Schultz also serves as a member of the Democratic House Leadership. She serves as a vice chair of the House Democratic Steering and Policy Committee where her primary responsibility is working to communicate Democratic priorities to Members of Congress and to the press. She also serves as a chief

deputy whip where she works to help advance legislation important to the Democratic caucus. In 2011 she became the Democratic Vice Chair of the Congressional Caucus for Women's Issues, a bipartisan Members' organization dedicated to promoting women's economic, health, legal, and educational interests. The Caucus serves as both a legislative resource on women's issues and an advocate on behalf of those issues.

The first Jewish congresswoman ever elected from Florida, Wasserman Schultz, introduced a resolution, which passed the House of Representatives and called on the President to declare an annual Jewish American Heritage Month. The President subsequently did so, with the inaugural month in May 2006. Since then, Presidents have proclaimed Jewish American Heritage Month annually. Debbie Wasserman Schultz was born in 1966 on Long Island, NY. She attended the University of Florida and graduated with a bachelor's degree in political science in 1988 and with a master's degree in 1990. She has been married to Steve Schultz for 20 years and together they have three children. The congresswoman is proud to call South Florida home where she resides with her family in Weston.

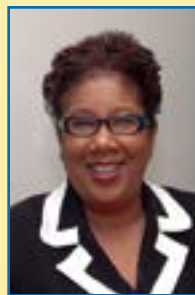
**Jeffery Halsey, Director,  
Pollution Prevention,  
Remediation and Air Quality  
Division**

Jeffery Halsey obtained his bachelors of science degree in biology from the University of Central Florida, Orlando and his masters in public administration at Florida Atlantic University in Boca Raton. Halsey's 27 year career in the environmental field, both public and private sectors, has included laboratory management at Reedy Creek Improvement District in Orlando, Florida; National Environmental Policy Act work throughout northeast Florida and Falls Church, Virginia; and he currently works as a division director at Broward County's Environmental Protection and Growth Management Department - Pollution Prevention, Remediation and Air Quality Division. Halsey is an Institute of Hazardous Materials Management Certified Hazardous Materials Manager, a National Association of Environmental Professionals Certified Environmental Professional, and is currently President of the Florida Local Environmental Resource Agencies.



**Bertha Henry, Broward County Administrator**

Bertha Henry was named County administrator in October 2008 after serving as interim administrator for a year. As County administrator, she serves as chief executive officer of Broward County and directs the functions of County Government under the auspices of the Board of County Commissioners. As administrator, Henry oversees a County with 1.7 million residents, and operations for nearly 60 agencies with more than 5,200 employees, including the airport, seaport and Greater Fort Lauderdale Convention & Visitors Bureau. Broward County's budget for fiscal year 2012 is more than \$3.3 billion. A native of Miami, Florida, Henry has a distinguished career in public service with more than 30 years of experience in public administration, including service in Montgomery County (Dayton), Ohio, and the City of Miami. She first came to Broward County in 1996 and served as assistant to the County administrator until 1998, when she accepted a position as



assistant city manager of Finance and Administration for the City of Miami, assisting with the city's financial recovery. Henry returned to Broward County in July 2000, serving as Broward County's deputy county administrator. Henry has a master of science degree in public administration (Finance Concentration) and a bachelor of science in government from Florida State University.

**Armando Linares P. E.,  
Deputy Director, Broward  
County Environmental  
Protection and Growth  
Management Department**

Armando Linares is the deputy director for the Broward County Environmental Protection and Growth Management Department comprised of the Planning & Environmental Regulation, Emergency Management, Housing Finance & Community Development, Natural Resources Planning & Management, Pollution Prevention, Remediation & Air Quality and Permitting Licensing & Consumer Protection Divisions including, Animal Care. Linares believes this combined pool of resources enables Broward County to address existing environmental issues and opportunities through innovation and efficiency with a focus on renewable energy. Linares has over 35 years of experience in the public and private sector. He served as director of public works/capital projects Manager for the City of Tamarac. Assistant to the director of development administration, building official and contract administrator for utility bonds project over \$137 million, comprised of a 23 mgd reverse osmosis water treatment plant, post lime stabilization facility, 10 mgd reuse water storage facility and transmission mains for the City of Hollywood. Design engineer for water distribution, collection, and management systems. He also served as an adjunct professor for Broward Community College for Building Code courses. Linares is a registered professional engineer, received his civil engineering degree from the University of Miami, and holds professional licenses for special inspector, general contractor, building code administrator and plans examiner in the State of Florida.



**Bryan M. Myers,  
U.S. EPA Region 4,  
Energy and Climate Change  
Coordinator**

Bryan Myers has worked for EPA for over 17 years gaining a broad base of regulatory experience across several media. He has worked as both an engineer and attorney, and his experience ranges from writing NPDES permits to negotiating multimillion dollar Superfund settlements. Additionally, Bryan was the EPA regional congressional liaison working with over 100 U.S. congressmen and senators to address their wide ranging concerns and inquiries. Recently, Myers was named Energy and Climate Change Coordinator for Region 4 and is looking forward to reaching out and broadening renewable energy development and the climate dialogue in the southeast. Myers has a law degree from the University of Oregon and a bachelors in chemical engineering from Georgia Tech.



**Robert Powell,  
Regional Vice President,  
Broward County TD Bank**

Bob Powell is the Regional Vice President for TD Bank in Broward County and is responsible for providing direct leadership to the commercial banking and small business banking lines of business with commercial support to the 18 retail stores in the Broward County market. Powell's career spans more than 30 years, most recently as President of Citizens Community Bank/Citizens Bank-IL, N.A., where he was responsible for the strategic leadership of the bank in the Illinois market for Citizens Banking Corporation which included lines of business for commercial and consumer lending, retail delivery, investments and residential lending. Following the sale to Metropolitan Bank Group, Powell continued his role as a community bank president with ultimate responsibility for the profitability of the bank. His prior experience includes seventeen years in commercial lending at Deutsche Financial Services f/k/a ITT Commercial Finance with his final assignment as regional vice president of the Technology Distribution lending office in Chicago. Powell is an active community participant having been on the board of the local YMCA in Berwyn, Illinois serving as treasurer. He also served on the board of the Berwyn Development Corporation serving as the chairman of the Loan Committee, which provided community based micro loans to applicants new to the municipality, giving the municipality the ability to seed local business development. Powell earned a bachelor's degree in finance from Troy University in Alabama. He is also a professional football official with the United Football League.



**Allysa Wetcher,  
Vice President,  
Branch Manager,  
PNC's Net Positive Branch**

Allysa Wetcher is the vice president branch manager at PNC's Net Positive Branch in Fort Lauderdale. She is a proud native Floridian and earned her bachelor's in communications at FAU. Shortly after graduation Allysa moved to Washington D.C. and started her career at PNC Bank. There she opened a LEED Certified Branch as the assistant branch manager in the West End neighborhood. During this time, she also assisted with PNC's acquisition of National City Bank in South Florida and found an opportunity to move back to her hometown. Today, she manages PNC's LEED Certified Platinum Branch on David Boulevard and Andrews Avenue. The branch opened on Monday, January 14 and is expected to produce more energy than it consumes through its 211 solar panels. Not only does Allysa work in Fort Lauderdale but she is also a resident of the community. Her commitment continues with her participation in Leadership Fort Lauderdale, volunteer work at Stephen Foster Elementary and membership in the Fort Lauderdale Chamber of Commerce.



**Nancy J. Gassman, Ph.D., Natural Resources  
Administrator, Energy and Sustainability Program,  
Broward County Natural Resources Planning and  
Management Division**

Dr. Nancy J. Gassman has been in public service with Broward County for 17 years working on a variety of water resources issues, in environmental monitoring and more

recently in sustainability. Since January 2009, her main focus in the Natural Resources Planning and Management Division has been supporting the development and implementation of Broward's Climate Change Action Plan and managing Broward's Energy and Sustainability Program. She coordinated the development of select technical tools for the Southeast Florida Regional Climate Change Compact as part of the creation of the Regional Climate Action Plan. Recently, she was involved with Broward Go SOLAR, serving as the chair of the Finance Committee reviewing best practices and possible mechanisms for funding solar photovoltaic systems.



**John McComb P.E. Lead  
Customer Service Power  
Quality Engineer for FPL**

John McComb P.E. is the lead customer service power quality engineer for FPL. The FPL power quality engineers assist customers by analyzing electrical problems within their facilities, and recommending solutions. He is a registered professional engineer, and a licensed electrical contractor. McComb has an electrical engineering degree from Ohio University and a masters of business degree from the University of Dayton. He is also responsible for Netmetering at FPL, a program that allows renewable energy sources to interconnect with the utility. McComb has 36 years experience with electric utilities in engineering, marketing, rates and customer service.



**Joe Acquaviva, Residential  
Energy Management  
Supervisor FPL**

Joe Acquaviva has been employed at FPL for the past 32 years. He has held various energy management positions during his tenure. He currently supervises the Solar and BuildSmart programs. He holds a bachelor's of business administration degree from Florida Atlantic University, and an associates of arts degree from Broward College. He is a certified energy manager accredited by Association of Energy Engineers, and is a board member of the South Florida Manufacturers Association.



**George Cavros, Energy and  
Environmental Law Attorney,  
Southern Alliance for Clean  
Energy**

George Cavros is a Fort Lauderdale-based attorney with a practice focused on energy and environmental law. His clients include clean energy non-profit organizations and renewable energy developers. He has worked with the U.S. EPA, and has testified and provided written comment to a number of state agencies on issues ranging from energy efficiency implementation to renewable energy policy design. Cavros earned his JD with honors from the Nova Southeastern Sheppard Broad Law Center. He also enjoys his work as an adjunct professor of energy law and environmental law and policy.



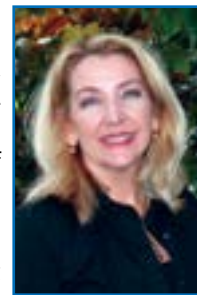
**Robert Foote,  
Furman Insurance**

Robert Foote has deep expertise as a risk and insurance advisor for middle market, privately held firms. Foote is responsible for developing and structuring insurance and risk management programs to meet many of the agency's key client's financial objectives. Our risk and insurance consulting services include: insurance program placement, contract review, loss control, claims management, OSHA Compliance, Human Resource Consulting, and Captive Programs. Recognized by *Business Journal* as one of the top 20 Insurance Brokers in South Florida and was a 2009 Agency of the Year Finalist in the Nationally circulated *Rough Notes* Magazine, for the firm's intense focus on enhancing their client's financial results. Foote has been with the agency for 20 years and is an agency owner.



**Susie Krix,  
Furman Insurance**

Krix has been with the agency for 30 years and is a shareholder and vice president of the firm. The Furman personal lines staff under Susie's direction, assists clients with securing solid personal insurance programs to protect their families' most valuable assets.



**Wolfgang Beaugrand,  
MAGE Solar Inc. and Florida  
Alliance for Renewable  
Energy Board member**

Wolfgang Beaugrand is the southeastern regional sales manager for Mage Solar Projects, Inc. His territory covers Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Louisiana, Arkansas and Alabama. He is based out of Sarasota County, Florida. He has been a member of the Man Kind Project, a group based on integrity and accountability. His education is from Friedich List Schule, Darmstadt. He has been communicating with House Representative Michelle Rehwinkel Vasilinda many times and supports her with facts of the solar industry. Beaugrand is a board member of Florida Alliance for Renewable Energy, and has been involved in the local rotary club. He has also worked in Louisiana on solar projects like Blue Plate, American Can and Garden District, a Historic Renovations Inc. Solar Project.



**Kamran Idrees, Associate,  
Project Finance Group,  
Chadbourne & Parke LLP**

Kamran Idrees practice focuses on federal income tax law with a particular emphasis on renewable energy investment, energy tax credits, government incentive programs, project development and finance. He is based in Washington D.C.





## Keynote Address

### Tom Tansy, Chairman, SunSpec Alliance

Tom Tansy serves as chairman of the SunSpec Alliance where he leads the solar industry's effort to establish data and communication standards that will enable seamless integration of solar PV into the Smart Grid. The SunSpec Alliance has over 60 members, including leading providers of solar inverters, environmental monitoring equipment, smart meters, next-generation solar semiconductors, and related software. Tansy was previously general manager and vice president of business development for the Vision Systems Group of Power-One, vice president of business development of Zero Motorcycles, and founded several software companies including one (NetCarta Corporation) that was acquired by Microsoft.



### Dan Wishnick, Manager, Business Development, Siemens Infrastructure and Cities Sector, Alternative Energy Group

Dan Wishnick is a business development manager at Siemens Industry, Inc., with responsibility for the development of the solar PPA market in the U.S. for the Siemens Alternative Energy Group. He has more than 25 years of experience in sales, marketing, engineering, business development and managing operations in the US, China, India, South America and Europe. He has a bachelor of science degree in ceramic engineering from Rutgers University.



### John Albert, Government Affairs Manager, Waste Management, Inc.

Albert has 33 years in the solid waste industry with Waste Management. He has worked in all aspects of the waste industry from collection, landfills, recycling, hurricane cleanups to his present position as government affairs manager. He has a bachelor's degree from Shepherd University in West Virginia.



### Julia Johnson, LEED AP+ O&M, Sustainable Programs Manager, Broward County Convention Center

Julia Johnson recently joined the staff at the Broward County Convention Center as its new sustainable programs manager. In March 2009, Johnson was with Sustainable Options, LLC, Green Building Consultants, as the LEED project team manager in charge of the LEED Certification project at BCCC. Johnson oversaw the sustainable consulting, project management, facilities staff extension and assisted with LEED certification services for multiple projects within the company, while primarily overseeing the Convention Center project. She has experience working with LEED-EB: O&M (EBOM), LEED for Green Buildings Operation & Maintenance, Green Globes and Energy Star.



### Dr. Jennifer Jurado, Director, Natural Resources Planning and Management Division

Dr. Jurado is responsible for county wide water resource policy and planning; implementation of the County's regional climate initiatives; administration of beach, marine and land stewardship programs; and environmental monitoring.

Since joining Broward County in 2002, Jurado has overseen development of Broward's county wide integrated water resources plan, the convening of regional water and climate change task forces, and advancement of multi-jurisdictional initiatives focused on water conservation, alternative water supply planning, and climate adaptation. Jurado is currently overseeing the development of advanced hydrologic models to support water supply and flood control planning under future climate scenarios and is actively engaged in efforts to advance energy efficiency financing in Broward County. She is an original member of the Staff Steering Committee to the Southeast Florida Regional Climate Change Compact, chaired the Compact's Built Environment Work Group, and co-authored the Regional Climate Action Plan. Jurado earned her Ph.D. in marine biology and fisheries from the University of Miami.



### William L. Cross, P.E. - Manager of Planning & Capital Development, South Florida Regional Transportation Authority

Cross is the manager of planning and capital development for the South Florida Regional Transportation Authority (SFRTA), operator of a 76-mile commuter rail system that connects Palm Beach, Broward and Miami-Dade counties. In this role he is responsible for coordination with partner agencies, capital budgeting and project development; is project manager for SFRTA's effort to expand Tri-Rail Commuter Service to the FEC rail corridor; and has lead agency efforts planning the Wave Modern Streetcar in downtown Fort Lauderdale. He is a professional engineer registered in the State of Florida and holds a bachelor of science in civil engineering and a master of business administration. Cross has over 25 years of varied professional experience in transportation planning, engineering, finance and program management.



### Cory Ramsel, Sr. Manager, Business Development, Florida Power & Light Company

Cory Ramsel is a Senior Manager of Business Development at Florida Power & Light Company. Cory provides leadership to multiple teams responsible for projects ranging from natural gas infrastructure within the state of Florida, to renewable & emerging technologies, as well as leading the GIS group for Florida Power & Light Company (FPL), a subsidiary of NextEra Energy, Inc. (NEE), one of the largest investor-owned electric utilities in the nation. Prior to this current role, Ramsel was responsible for leading development of commercial projects for NextEra Energy Resources' solar division in the western United States. He was instrumental in the development of their portfolio of solar projects both operating and under construction today.



Prior to joining NextEra Energy Resources in August 2007, Ramsel worked for Lockheed Martin as a Systems Engineer. He held a number of key positions developing technical solutions for various military programs ranging from satellites to submarines. Ramsel received a Bachelor of Science degree in electrical engineering from the University of Colorado and holds an MBA from the University of Florida. Ramsel is married with two children. He and his family currently reside in Palm Beach Gardens, Florida.

### Stephen Barkaszi, Senior Research Engineer, Florida Solar Energy Center (FSEC)

Stephen Barkaszi is a senior research engineer in the Photovoltaics and Advanced Technologies Division at FSEC. Barkaszi joined FSEC in 1993 and initially worked in the Building Design Assistance Center evaluating building systems and equipment for energy and costs-savings potential for utilities and consumers. He joined the Photovoltaics and Advanced Technologies Division in 1997 and his current research includes: distributed generation, utility-interconnection issues, micro turbines, fuel cells, building-integrated PV, and roof-mounted PV arrays. Barkaszi continues to conduct research on high performance buildings. This work includes a holistic approach to design and construction of buildings that effectively incorporate energy savings features and on-site energy production technologies. Teaching activities include various seminars and short courses such as the FSEC course Installing Photovoltaic Systems. Barkaszi received his B.S. and M.S. degrees in ocean engineering from the Florida Institute of Technology. He is a licensed civil engineer in the state of Florida and previously managed the construction materials testing division for a private civil engineering firm.

### Casey Johnston, Renewable Energy Program Director - Washington, D.C.

As director of the Renewable Energy Program in ICLEI's Washington, D.C. office, Johnston focuses on working with ICLEI's partner organizations to implement the outreach efforts of the U.S. Department of Energy's Solar America Communities – an initiative to help communities throughout the United States become change agents in the solar energy market. In addition to his work with the Department of Energy, Johnston collaborates internally within the Programs and Innovations Department in the development of ICLEI's tools and resources.



Johnston comes to ICLEI with an MBA in sustainable management from San Francisco's Presidio Graduate School, and 10 years of work experience as a master electrician. While in graduate school, he consulted with the City of Berkeley to facilitate GHG reductions related to the city's commercial building stock, and recently worked with Common-Fields LLC on supply-chain social compliance issues in the Central American agricultural sector.

**Martin David Kiar,**  
**Broward County**  
**Commissioner District 1**

Martin David Kiar serves as the Broward County Commissioner for District 1. A lifetime resident of Broward County, Kiar is committed to maintaining our unique way of life for all residents and future generations. Kiar earned his bachelor of arts degree at Palm Beach Atlantic University in 1999 and his juris doctorate at Nova Southeastern University in 2002. He lives in Davie with his wife, Kelly, his daughters, Brienne and Camryn, and his puppy, Cooper. In 2006, Kiar had the privilege of serving Broward County in the Florida House of Representatives. He was reelected in 2008, and again in 2010. In 2012, he was elected to serve as a Broward County Commissioner. He was the first person in Broward County's history to win an open (no incumbent running) Broward County Commission seat unopposed. He is also one of the youngest Broward County Commissioners to ever serve in that capacity.



**Clinton A. Sockman,**  
**Vice President of**  
**Renewable Energy**

Sockman is responsible for all aspects of Advanced Renewable Energy's daily business including business development, design and engineering, product selection, overseeing project management staff, and high level operations supervision and direction. Coming from a strong commercial roofing background Sockman brings over 12 million square feet of successful commercial roofing project experience and over 5 megawatts of successful photovoltaic installation experience valued at over \$70 million to the Advanced Renewable Energies team. He has a Bachelor in International Business from University of Cincinnati and is currently a State of Florida Certified Roofing, Solar, and General Contractor. Sockman has many accreditations from RISE Certified Solar Roofing Professional, North American Board of Certified Energy Practitioners (NABCEP) Certified Installer, Solar Energy International - Solar Electric Grid Direct Design, to name a few.



**Maribel Feliciano, Natural**  
**Resource Specialist III,**  
**Broward County EPGMD**

Feliciano is responsible for managing programs related to climate change mitigation, greenhouse gas emissions inventories, air quality planning, outreach and education, renewable energy, alternative fuels and modes of transportation, and parking facility licensing. She is the chair of the Broward Climate Change Government Operations Workgroup, chair of the U.S. DOE Southeast Florida Clean Cities Coalition's Education and Outreach Committee, and chair of the Go SOLAR Permitting Committee. Feliciano serves in technical advisory committees for the Metropolitan Planning Organization, the U.S. Environmental Protection Agency's Ozone Communication Strategy Workgroup, Complete Streets Advisory, Broward Climate Change Task Force, Southeast Florida Climate Compact and the International Council for Local Environmental Initiatives. She holds a bachelor's degree in environmental science from the University of Puerto Rico and a master's degree in urban and regional planning from Florida Atlantic University.



**Jason M. Rodgers-da Cruz, Esq.**

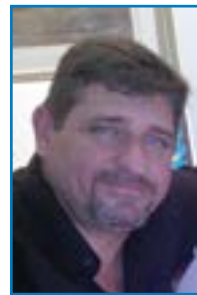
Rodgers-da Cruz has been with Siegfried, Rivera, Lerner, De La Torre & Sobel, P.A. since 2005, and practices throughout the State of Florida in the areas of Community Association Law, Complex Construction Litigation, Construction Defect Litigation, and Commercial Litigation on behalf of associations, developers, general contractors and subcontractors. In his construction defect practice, he routinely handles multi-party complex construction defect claims pertaining to all building components, including structural, electrical, mechanical, plumbing, roofing, waterproofing, and life-safety components. Rodgers-da Cruz received his bachelor of science in business administration from the University of Alabama-Huntsville in 1997 and his juris doctorate from the University of Miami in 2000. Upon graduation from law school, Rodgers-da Cruz was employed as an assistant public



defender in Brevard and Miami-Dade counties, where he obtained significant jury trial experience. Prior to joining the firm, he worked at Elder, Vacarella & Lewis, P.A., in construction law. Rodgers-da Cruz is also a member of the City of Miami's Green Commission and the Green Buildings Subcommittee. The members represent a cross section of local experts and community enthusiasts. The commission meets quarterly to guide and mold the city's environmental policy.

**Gino A. Valderrama,**  
**PE, Vice President / CLA**  
**Operations Manager, T.Y. Lin**  
**International**

Born in 1963 in La Punta, Peru to Roberto, a trucker, and Elisa a homemaker, he came to live in America in 1976 at the age of 13. He graduated from Christopher Columbus High School and went on to graduate from Florida International University with a bachelor of science in mechanical engineering; he later received his juris doctor degree from the University of Miami School of Law. He has worked for T.Y. Lin International since 2003 where he serves as vice president and is the operations manager for Miami, Caribbean and Latin America. He is the mechanical engineer of record for projects such as the Miami Intermodal Center (MIC); Terminal 4 Remodeling, Fort Lauderdale - Hollywood International Airport; Caracas Metro, Line 5; and many other projects around the world.



**Dale V.C. Holness,**  
**Broward County**  
**Commissioner District 9**

Holness serves as Broward County Commissioner for District 9. He began his public service as a Lauderhill City commissioner (2007) and vice mayor (2010). He is active in many civic organizations including: Broward Children's Services Board, Community Access Center Board, Haitian American Leadership Organization, HIV Planning Council, Fort Lauderdale-Broward Enterprise Zone, Lauderhill Regional Chamber, Caribbean Democratic Club and NAACP.



As a Lauderhill commissioner, he helped revamp the Affordable Housing Down-payment Assistance Program, hired grant writers that brought in \$30 million in additional housing revenue, and worked to increase homestead exemptions for senior citizens. As a County Commissioner he has supported / sponsored, among other initiatives a new educational training center in North Lauderdale, an ordinance prohibiting the sale of smoking devices to minors, an ordinance to ensure sheltered market opportunities for small businesses, the effort to increase the number of minority fire fighters in Broward County, fair redistricting to ensure diversity is represented at all levels of County government, increasing support of multicultural tourism in Broward County, establishing a task force to address the need to increase the black male's graduation rate, and introduced and volunteers for KAPOW (Kids and the Power of Work) at four Broward Elementary schools.

**Saturday, January 26**

**Chip LaMarca,**  
**Broward County**  
**Commissioner District 4**

LaMarca serves as the Broward County Commissioner for District 4. A lifetime resident of the district, he has earned a reputation for being a citizens' advocate and a respected voice for the taxpayers that he is honored to represent. LaMarca married the former Eileen Dorrego in 1995 and the couple has lived in Lighthouse Point since.



LaMarca is truly a great American success story. After attending Broward College and later Boston University, he returned to Broward County and followed in the footsteps of his late father, helping to bring jobs to Broward in the construction industry. After establishing himself as a knowledgeable and trusted manager and supervisor with over 20 years of experience in the construction industry, he opened LaMarca Construction in 2006. In 2005, he was first elected to the Lighthouse Point City Commission. In 2010, after serving the citizens of Lighthouse Point for two terms, LaMarca was elected to serve on the Broward County Board of County Commissioners.

**Minh Le, Director,**  
**Solar Energy Technologies**  
**Office, U.S. Department**  
**of Energy**

Minh Le is the program manager of the Solar Energy Technologies Program within the Office of Energy Efficiency and Renewable Energy, where he helps manage and balance the portfolio of Research, Development, Demonstration, and Deployment programs in achieving our national SunShot goals. Prior to his current role at the Energy Department, Le spent his career in industry developing technologies and scaling new technologies to high volume manufacturing. Le earned his B.S. and M.S. degrees from MIT where he held fellowships by the Department of Defense, Department of Energy, and the Bose Foundation.



## Learn about your solar rights as a homeowner!

As a homeowner in the State of Florida, you **may not** be denied permission to install a renewable energy device (such as solar panels), or any other energy device based on renewable energy. Chapter 163 of the Florida Statutes – Section 163.04, forbids ordinances, deed restrictions, covenants, declarations, or similar binding agreements from prohibiting the installation of solar collectors, or any other energy device based on renewable resources.

Even though a homeowner cannot be prevented from installing a solar energy system, certain restrictions may apply. Restrictions must be reasonable, not arbitrary, and must be uniformly imposed on all homeowners. Restrictions cannot impact the performance of solar energy systems nor may they effectively prohibit the installation of solar energy production devices prohibiting solar energy production.

Florida State law specifically prohibits a community association from preventing the installation of solar collectors on a homeowner's roof. The association may, however, determine where on the roof the collectors may be installed, so long as the installation is within the area required for its effective operation; that is south, or within 45 degrees east or west of due south. The association may not impose requirements which would effectively restrict the system's operating efficiency. It is important you notify your homeowners' or community association prior to the installation of a solar energy system on your home.

## Solar projects across Broward County

South Florida and specifically Broward County is witnessing the dawn of solar photovoltaic (PV) energy installations across the region. The fledgling industry has been slowly growing, with tax credits from the federal government, Florida Power & Light rebate program and homeowner financing options, solar installations are projected to continue to grow. With installations across the County ranging from single family homeowners, small businesses and large commercial installations, the solar PV industry has a solid footing in the South Florida region.

The Go SOLAR Fest video, "Solar Projects Across Broward County," highlights more than 40 of our partner city's residential, small commercial and large industrial installations. Also included are additional installations from other municipalities ranging from solar water heating, pool water heating and other solar PV energy systems. The monthly cost benefits range from the hundreds to the thousands in dollars saved. The kWh monthly energy generation and the sustainable options created by these systems help reduce carbon emissions, and oil and gas usage. Broward County and partner cities have created an environment to advance renewable energy while promoting a vibrant and diverse green economy for South Florida and the state.



### Sign up for Free Solar 3.0 Training on How To Reduce Solar Soft Cost, C.E.U.'s are available

This workshop will highlight best practices and standards in the areas of solar permitting, installation, interconnection, and inspection. Presentations by experts from solar, electrical, and safety organizations, including Jim Rogers from the International Association of Electrical Inspectors (IAEI) and Jeff Fecteau from Underwriters Laboratories (UL), will help you learn how to make your local solar industry competitive.

"Solar 3.0 Free Training to Reduce Soft Costs" includes a session about the 2011 National Electrical Code and the 2012 International Fire Code, International Building Code, International Residential Code, and International Green Construction Code as they pertain to PV installations. Continuing Education Units (CEUs) are available.

The Solar 3.0 initiative focuses on reducing the cost of residential and commercial PV installations in the U.S. market. The effort is funded by the U.S. Department of Energy's SunShot Initiative.

At this session, you will receive:

- Presentations and information from PV and electrical experts about innovations in PV installations, permitting, inspection, financing, and interconnection
- Details on how Solar 3.0 can benefit your community
- Results of a survey of 500+ building inspectors regarding U.S. solar installation trends
- A free online solar training course covering inspection, installation, and permitting practices (with C.E.U.'s)
- An introduction to Solar30.org, a clearinghouse for best practices and standards in solar PV
- Advice about how to engage with the Solar 3.0 team

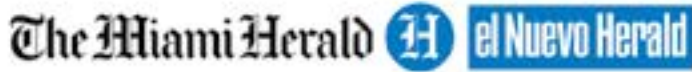
Register today by visiting, [solar30inbroward.eventbrite.com](http://solar30inbroward.eventbrite.com)

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This material is based upon work supported by the U.S. Department of Energy and the Broward Go SOLAR Team under Award Number DE-EE0005701.