



Florida Energy Systems Consortium



**June 2015
Issue**

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Bioenergy 2015: Opportunities in a Changing Energy Landscape | June 23 - 24 | Washington, DC
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Second International Conference on "Energy, Sustainability and Climate Change" ESCC 2015 | June 21 - 27 | Crete, Greece
Click [here](#) for more.
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Waste Conversion Technology Conference & Trade Show | August 17 - 19 | San Diego, CA
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CZEBS-iiSBE Net Zero Built Environment 2015 Symposium | August 19 - 21 | Montreal, CA
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Battery Show and Critical Power Expo | September 15 - 17 | Novi, MI
Click [here](#) for more.
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The First International Symposium on Sustainable Human-Building Ecosystems | October 5 - 7 | Pittsburgh, PA
Click [here](#) for more.

PROFESSIONAL DEVELOPMENT COURSE
Hosted by IBM and the
Florida Energy System Consortium

**CLOUD AND MOBILE TECHNOLOGIES
CHANGING YOUR WORLD**

**June 15, 2015
8:30AM - 1:30PM**
Registration and
Breakfast at 8:30AM
Lunch at 12:00 PM
Course conclusion at
1:30PM

**Design and deploy a mobile
or cloud application
to take with you**

Location:
University of Florida
Straughn IFAS Extension
Professional Development Center
2142 Shealy Drive
Gainesville, FL 32611-0225

Cloud and mobile technologies have changed the competitive advantage for companies and organizations globally. Implementing technology such as the Internet of Things for the smart, energy efficient buildings, facilities, platforms, campuses, and cities using Cloud, Mobile and Data has become difficult if not impossible. A combination of technical advances and new thinking about business models has created one of the most profound changes that affects us personally and professionally: a digital revolution -the Industrialization of Information Technology.

Please join us for this course geared to those who need to know the importance of Cloud and Mobile technologies. Learn how to:

- Lower costs for deploying competitive technologies
- Take advantage of new software technologies without investing in additional hardware, networking or personnel
- Grow your revenue by deploying state of the art Mobile applications
- Move data and information at faster speeds to make better decisions
- Design and deploy innovative software applications faster than the competition to grow your business

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WORLD ENERGY NEWS

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SmartGridComm 2015 | November 2 - 5 | Miami, FL

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Power Up Energy Expo | Fall 2015 | South Walton, FL

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How Costa Rica Went 75 Days Using Only Clean Electricity



While governments from countries around the world have outlined how they plan to curb their carbon emissions, Costa Rica may seem like it's showing off. The Central American country's state utility company announced that it went the first 75 days of 2015 without using fossil fuels like coal or oil for electricity. The country expects to rely on renewable energy for more than 95% of the total electricity consumed this year.

It's good news, but as is often the case with climate policy, the devil is in the details. A number of factors make the accomplishment less significant than it appears at first glance.

Fossil fuels have been used to produce only a tiny fraction of Costa Rican electricity for decades today, renewable energy accounts more than 85% of the total electricity produced and popular support for climate change measures is strong. More importantly, trumpeting the elimination of fossil fuels for electricity elides the tougher reality that Costa Rica-like nearly every other country in the world-relies heavily on the use of fossil fuels for transportation.

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U.S. Top in Clean Tech, Renewables, EVs Globally

A new report claims to analyze and rank the economic and energy performance of the world's 50 largest greenhouse gas (GHG) emitting nations for the first time. The United States ranks among the world's top countries in clean tech investments, patents, renewable energy generation, and electric vehicle (EV) adoption -- while at the same time being among the worst for energy consumption and emissions.

Over the last 20 years, however, the U.S. has become more energy productive, using less energy per dollar of gross domestic product (GDP) generated, according to Next 10's Green Innovation Index.

The report finds that the United States is first in terms of clean tech innovation, with the most private investment and the most patents worldwide. U.S. clean tech investment rose 74 percent from 2013-2014. The European Union (EU) follows the U.S. in clean tech patents (11,330 v. 18,937 in 2014), and clean tech venture capital (\$1.028 billion v. \$8.208 billion in 2014).



Credit: GiGra

[Read more \(wait 18 seconds for article to download\) >>](#)

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Could this Giant Straw be the Solution to the Problems with Wind Turbines?



Could a bladeless wind turbine answer the issues with clean energy and save a few bird lives in the process? It can if you believe that the same technology we use to get your milkshake to your mouth could also power a community. Vertical designs for wind generators are not popular, but designers continue to come up with new plans for the idea. This vertical straw is one of the latest inventions.

The Vortex wind generator is a completely different type of wind turbine design. It has no spinning blades-or any moving parts to wear out at all-and looks like a ginormous straw that oscillates in the wind. It doesn't spin the wind, but instead takes advantage of "a phenomenon called vorticity, or the Kármán vortex street,

which is a 'repeating pattern of swirling vortices.'"

The maker of this crazy straw, Vortex Bladeless, says that it can reduce the costs of manufacturing by 53 percent and cut the cost of maintenance by up to 80 percent, all with this tall, skinny design. The design would also represent a 40 percent reduction in both the "carbon footprint and generation costs," compared to conventional blade wind turbines. The Vortex is quieter too, according to Vortex Bladeless and presents a lower risk to birds and the local environment overall.

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Where is My Solar Car?

As headlines go, "MIT students design solar car prototype" isn't exactly arresting. It seems that those words have been headlining press releases about once a week for the last decade, maybe two.

The press release we received earlier this month was slightly more interesting, in that this particular Institute of Technology isn't in Massachusetts, but Manipal, in southwest India. But as we read a bit more, it became even more compelling.

The prototype is called the SERVe, for Solar Electric Road Vehicle, and it's a joint project of Manipal Institute of Technology, Manipal University, and Tata Power Solar, India's largest solar company. The latter is part of the same parent company that now owns Jaguar Land Rover and other transportation businesses, though those companies weren't involved in this project.



An early version of the SERVe solar-electric car hits the road. (Credit: SolarMobil Manipal)

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FESC HIGHLIGHTS

FPL, FIU Partner to Build Innovative Solar Research Facility

Florida Power & Light Company (FPL) and Florida International University (FIU) announced a new partnership to build a commercial-scale distributed solar power facility that will both generate electricity for FPL's 4.8 million customers and serve as an innovative research operation.

The project involves the installation of more than 5,700 solar panels on 23 canopy-like structures that will be built this summer in the parking lot of the university's Engineering Center, just north of FIU's Modesto A. Maidique Campus. Using data from the 1.6-megawatt solar array, faculty and students from FIU's College of Engineering and Computing will study the effects of distributed solar photovoltaic (PV) generation on the electric grid in real-life South Florida conditions.



Artist's conceptual rendering of Florida Power and Light Company solar parking canopies at Florida International University.

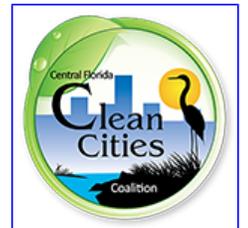
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UCF's FSEC to Establish Statewide Alternative Fuel Vehicle Training for First Responders

The University of Central Florida's Florida Solar Energy Center (FSEC), host of the Central Florida Clean Cities Coalition, was selected to establish an alternative fuel vehicle (AFV) training network for the state of Florida that adapts safety and technical training based on existing curricula for local needs.

This project will establish training on electric drive, compressed natural gas (CNG) and propane vehicles for first responders, college instructors, tow-truck operators, and salvage/recycling operators.



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Central Florida Clean Cities Coalition is funded by the U.S. Department of Energy

UCF: Three Blades to the Wind, Engineering Alumnus Helps Harvest Natural Energy

If you've ever driven through Texas, California or Iowa, you've probably passed a field of steel towers that look like giant fans. These wind turbines, situated on wind farms, capture the natural wind in our atmosphere and convert it into mechanical energy, then electricity.

"What a lot of people call a fan is the rotor on a wind turbine," explains Michael Hayman, '03, professional engineer and project manager for Moventas in Portland, Ore. "These things turn about 14 to 20 rotations per minute, but, a generator, which makes electricity, needs to turn at about 1,000 rpm. So, we make a bunch of gears that turn this from high torque, low rotation to low torque, high rotation. It's a transmission system, very similar to a car, but it's just one speed."



Michael Hayman, UCF Alumnus

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Energy Department Funds UCF Research in Housing Innovations

The University of Central Florida is the only university-led team in the nation to receive part of a \$4 million investment by the Energy Department to develop and demonstrate energy efficient methods of keeping homes cool in the summer and warm in winter.

The Energy Department's Building America program is working with industry partners to develop cutting-edge innovations and resources that will lead to 50 percent savings in new homes by 2025 and 40 percent savings in existing homes by 2030.



Eric Martin at FSEC laboratory.

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UWF, Space Florida Collaborate on Cybersecurity



Space Florida, the state's aerospace and spaceport development authority, has signed a three-year memorandum of understanding with the University of West Florida Center for Research and Economic Opportunity to further develop Florida's cybersecurity technologies.

CREO's mission includes helping Northwest Florida communities recover from the negative economic impacts of the 2010 Deepwater Horizon oil spill, which disproportionately affected eight coastal Panhandle counties.

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USF Researchers Discover How to Couple Magnetism and Electricity in Materials using Temperature



A research group from the University of South Florida has discovered how to couple magnetism and electricity in materials using temperature. Their findings will be published in the high profile journal, Physical Review Letters.

Author Sergey Lisenkov, research assistant professor of physics at USF, and his co-authors, Chun-Min Chang of Michigan State University, Brajesh K. Mani, postdoctoral scholar in physics, also at USF, and Inna Ponomareva, associate professor of physics at USF have proposed a new way to couple magnetic and electric properties in multiferroic materials. Such materials have a revolutionary potential for both science and technology as they allow control of magnetization by an electric field and electric polarization by a magnetic field.

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Prestigious National Designation for USF Aims to Turn Research into Commercial Products, Help Launch Start-ups

The University of South Florida has been named an I-Corps™ Site by the National Science Foundation (NSF), becoming the second site in Florida and one of only three dozen institutions around the country to earn the designation.

USF will receive nearly \$300,000 to build, train, and mentor teams of USF faculty and students to become successful entrepreneurs and commercialize their ideas over the next three years.

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Dr. Sudeep Sarkar

UF Designated a National Center of Academic Excellence in Cyber Defense Research

With the help of our SouthEastern Security for Enterprise and Infrastructure (SENSEI) center, UF is now listed with the Department of Homeland Security and the National Security Administration as a "National Center of Academic Excellence in Cyber Defense Research."

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FLORIDA ENERGY NEWS

Duke Energy Building Solar Facility at Disney World

Duke Energy will build a facility near Epcot that will provide solar power to Walt Disney World.

The Reedy Creek Improvement District, the Disney-controlled taxing district, voted to accept a 15-year agreement with Duke. The energy company will lease the land from Disney, which will buy power. The solar farm will occupy about 20 acres near World Drive and Epcot Center Drive.

Construction is expected to begin mid-summer and the facility should be in service by year's end. The power plant's 48,000 solar panels will be arranged in the shape of - what else? - a Mickey Mouse head.



Credit: MGA73bot2/
Wikimedia Commons

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State Regulators Approve Deal That Will Create Largest Solar Project in Florida

State regulators approved a deal that will create Florida's largest solar project and provide power to the Sunshine State's smallest investor-owned utility.

Gulf Power asked the state Public Service Commission to allow the utility to purchase power from three proposed solar plants under development by Gulf Coast Solar Center, a subsidiary of HelioSage LLC.

The project includes solar photovoltaic plants totaling 120 megawatts at military bases in the Panhandle.3

"We support this important partnership between Gulf Power and the Air Force and the Navy that will play a major role in Florida's energy future," PSC chairman Art Graham said. "The solar facilities will diversify the utility's power supply and increase Florida's emissions-free electricity generation."

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Greenbacker Renewable Energy Company Acquires 2 Solar Power Generation Facilities in Gainesville, Florida

Greenbacker Renewable Energy Company LLC ("Greenbacker") announced that through a wholly-owned subsidiary it acquired 2.05 Megawatts of operating solar power facilities located in Gainesville, Florida

for a purchase price of \$4,150,000 ("Gainesville Solar") plus closing costs. The Gainesville Solar assets, which closed on April 13, 2015 and April 16, 2015 respectively, are comprised of two ground mounted solar systems located on commercial properties. 100% of the electricity produced by these two solar systems are sold under long term solar energy agreements to the Gainesville Regional Utility which is rated Aa2 by Moody's.

In total, the systems are expected to produce enough electricity to power approximately 336 homes for one year of typical use.

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U.S. ENERGY NEWS

6 Ways The U.S. Plans To Create Climate-Resilient Energy Infrastructure

The Obama administration released two executive orders and its first-ever Quadrennial Energy Review (QER), a document that lays out a variety of ways the U.S. can update its grid and diversify its energy mix to include more sources like renewable energy.

The QER, an initiative that stemmed from President Obama's Climate Action Plan, calls for more than \$15 billion in new programs, grants, and tax credits to update America's pipelines, electric grid, and other energy infrastructure - spending that will have to be approved by Congress. It also makes several recommendations for how the U.S. can best take its energy infrastructure into the 21st century.



Ernest Moniz, left, and Vice President Joe Biden tour the headquarters of PECO energy company in Philadelphia | AP Photo | AP Photo

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US to Become a Net Exporter of Natural Gas by 2017 - EIA

The United States will transition from a net importer of natural gas to a net exporter of the fuel by 2017 as the nation's shale gas production continues to grow, the U.S. Energy Information Administration said in its Annual Energy Outlook.

In its 2014 outlook, the EIA forecast the U.S. would become a net exporter of gas before 2020.

The EIA said increases in domestic gas production are expected to reduce demand for gas imports from Canada and support growth in exports to Mexico, Asia and Europe.

Net gas exports would continue to grow after 2017, with annual net exports reaching 3.0 trillion cubic feet to 13.1 tcf in 2040, the agency said.

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First Offshore Wind Farm In The U.S. Kicks Off Construction

Offshore wind is coming to the United States.

Construction on what will be the country's first offshore wind farm started Monday in Rhode Island. The wind farm, which is being developed by Deepwater Wind, will be located off of the coast of Block Island, a small island about 13 miles south of Rhode Island. Once completed, the five-turbine, 30-megawatt wind farm will produce enough energy to power all homes and businesses on Block Island, which previously relied on diesel generators, according to the Sierra Club. The wind farm will also send energy to mainland Rhode Island. It's expected to come online in fall 2016.

Environmental groups, many of which have pushed for the project since it started going through hearings in 2013, applauded the start of construction. Bruce Nilles, senior campaign director for the Sierra Club's Beyond Coal Campaign, told ThinkProgress that the start of construction was a "landmark" moment for the U.S. wind industry, and that it "really makes real the promise offshore wind has" in the U.S., particularly on the East Coast.

"This is technology that will play a very important part in decarbonizing electric sector," he said.

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Southern California Gas Launches First Power-to-gas Project in US

Southern California Gas Company is bringing sci-fi innovation to life and has joined with the Energy Department's National Renewable Energy Laboratory (NREL) and the National Fuel Cell Research Center (NFCRC) to launch demonstration projects to create and test a carbon-free, power-to-gas system for the first time ever in the U.S. The technology converts electricity into gaseous energy and could provide North America with a large-scale, cost-effective solution for storing excess energy produced from renewable sources.

Using electrolyzer-based methods, the power-to-gas concept uses electricity from renewable sources, such as solar and wind power, to make carbon-free hydrogen gas by breaking down water into hydrogen and oxygen. The hydrogen can then be converted to synthetic, renewable methane - traditional natural gas - and stored to meet future energy needs. It can also be used as a multi-purpose energy source for vehicles, micro-turbines, fuel cells or other equipment.

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Solar Flux Solution Brightens Future of Concentrated Solar Power

Power tower solar has been under a cloud - in the U.S., anyway - after 321 birds or bats were killed in the first 6 months of operation by flying through solar flux above the Ivanpah Concentrated Solar Power (CSP) plant, the Google-funded colossus in California's Mojave desert.

Opponents then greatly exaggerated the numbers, making it a challenge for California regulators to maintain a level-headed approach to permitting future power tower projects.

Regulators do have access to the actual facts as an independent tally and mortality estimate algorithms are typically required for permitting renewable energy. But battling public opinion, even if misinformed, takes courage.

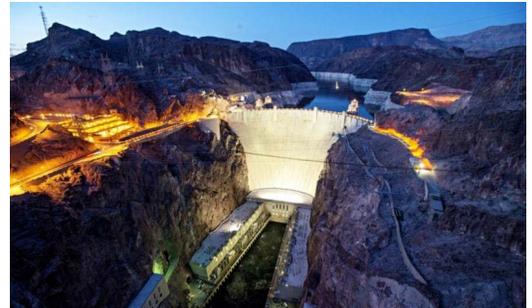
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US Drought Takes its Toll on Clean Energy Production

The floor rumbled under Mark Cook. His legs vibrated as he stood in a tunnel tucked into the thick base of Hoover Dam, 130 metres below the tourists looking out over Lake Mead. Beneath him, water roared through steel pipes four metres tall. Nearby, heavy turbines hummed with mechanical intensity.

Moving water means making electricity. But the drought is making that harder to do. The lack of water has put a serious crimp in the hydroelectric line at Hoover Dam and other power plants across the west, limiting an inexpensive and pollution-free energy source that once was considered endless.



Drought-related reductions in water levels have led engineers to install more efficient turbines at the Hoover Dam | Bonnie Jo Mount/Washington Post

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FUNDING OPPORTUNITIES

FESC office tracks the energy related funding opportunities, shares them with faculty and industry partners, facilitates the submission of multi-faculty, multi-SUS university competitive proposals in response to solicitations for major research programs. The most recent funding opportunities are listed below. For a complete list please visit the [funding opportunities page](#) on the FESC website.

DEPARTMENT OF ENERGY

DE-FOA-0001338 - Storage Systems and Input/Output for Extreme Scale Science
Pre-application Due Date: 6/11/2015
Application Due Date: 7/13/2015

2016 INCITE Call for Proposals
Application Due Date: 6/26/2015

DE-FOA-0001268 - Concentrating Solar Power: CONCENTRATING OPTICS FOR LOWER LEVELIZED ENERGY COSTS: (COLLECTS)
Concept Paper Submission Deadline: 6/25/2015 5:00 PM ET
Full Application Submission Deadline: 8/25/2015 5:00 PM ET

DE-FOA-0001336 - Theoretical Research in Magnetic Fusion Energy Science
Application Due Date: 6/30/2015

DE-FOA-0001295 - SDN-Enabled Terabits Optical Networks for Extreme-Scale Science
Application due Date: 7/2/2015

DE-FOA-0001344 - Dynamic Distributed Resource Management (DDRM)
Application Due Date: 7/6/2015
DE-FOA-0001342:Technologies Directed at Capturing Carbon Dioxide from Low Concentration Sources to Support the Coal Industry
Application Closing Date: 8/3/2015

DE-FOA-0001348: Research on Innovative Approaches to Fusion Energy Sciences
Application closing Date: 8/3/2015

DE-FOA-0001300:Nuclear Science and Engineering Nonproliferation Research Consortium
Application closing Date: 8/12/2015

DE-FOA-0001329:SOLAR TRAINING AND EDUCATION FOR PROFESSIONALS (STEP)
Application Due Date: 8/14/2015

DE-FOA-0001204 - FY 2015 Continuation of Solicitation for the Office of Science Financial Assistance Program
Application Due Date: 09/15/2015 (or until replaced by a successor FOA)

DE-FOA-0001002 - Innovative Development in Energy-Applied Science (IDEAS)
Concept Paper Submission Deadline: September 28, 2015
Full Application Deadline: 9/28/2015

H2 Refuel H-Prize Competition
Deadline: 10/31/2016

DE-FOA-0001203 - Assisting Federal Facilities with Energy Conservation Technologies, Fiscal Year 2015 (RFI)
Application Due Date: TBD

SPOTIR-0000018: Technologist-In-Residence Pilot: Laboratory Call for Proposals
Application Due Date: TDB

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NATIONAL SCIENCE FOUNDATION

NSF 15-562 - Big Data Regional Innovation Hubs (BD Hubs)
Application Due Date: 6/24/2015

NSF PD 13-7607- Energy, Power, Control and Networks (EPCN)
Full Proposal Window: October 1, 2015 - November 3, 2015
October 1 - November 1, Annually Thereafter

DEPARTMENT OF AGRICULTURE

USDA-NIFA-9008-004957 - Biomass Research and Development Initiative
Application Due Date: 7/27/2015

USDA-NRCS-NHQ-RCPP-16-01- Regional Conservation Partnership Program
Pre-proposal Due Date: July 8, 2015

Full proposal Due Date: Nov. 10, 2015

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OTHER

[Oak Ridge Associated Universities - ORAU Faculty Travel Grants Program](#)
Application Deadline: 9/1/2015

[The US-Israel Binational Agricultural Research and Development Fund \(BARD\)](#)
Submission Date: Yearly, Mid September

[N00167-15-BAA-01 - Energy Conservation Applications for the US Navy](#)
Response Date: 11/30/2016

[Read more at our website >>](#)

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UPCOMING EVENTS

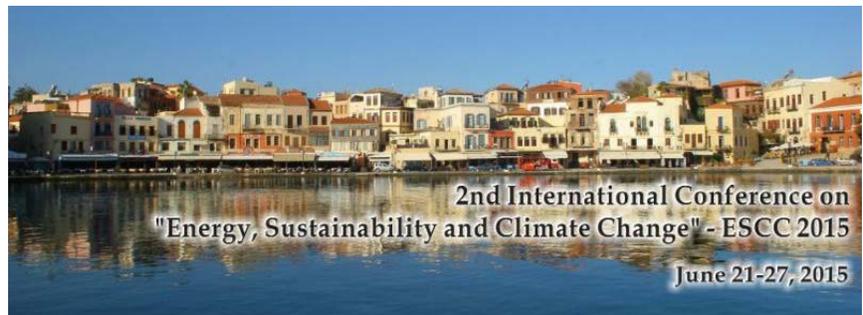
[Bioenergy 2015: Opportunities in a Changing Energy Landscape](#)

June 23 - June 24, 2015
Walter E. Washington Convention Center
801 Mt. Vernon Place, NW
Washington, DC 20001

Bioenergy 2015, an event of the U.S. Department of Energy's Bioenergy Technologies Office, will take place at the Walter E Washington Convention Center, Washington, D.C. on Jun 23-24, 2015. The co-host is the Clean Energy Research & Education Foundation (CEREF) which is creating the Exhibition, Sponsorship and evening Reception.

Click [here](#) for more information.

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[Second International Conference on "Energy, Sustainability and Climate Change" ESCC 2015](#)

June 21 - June 27, 2015
Orthodox Academy of Crete (OAC)
Chania, Greece

This international conference aims on bringing together leading experts in the fields of optimization and computational methods to discuss recent advancements and trending topics.

Click [here](#) for more information.

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[Waste Conversion Technology Conference & Trade Show](#)

August 17 - 19, 2015
San Diego, CA



Waste Conversion Technology Conference & Trade Show

August 17-19, 2015
Hyatt Regency Mission Bay Spa & Marina
San Diego, California, USA

The Waste Conversion Technology Conference & Trade Show (WCTC) provides a forum for informing the public and private sectors of the economic and environmental significance of converting waste materials to alternative fuels such as biodiesel and ethanol as well as renewable electric energy.

Click [here](#) for more information.

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CZEBS-iiSBE Net Zero Built Environment 2015 Symposium

August 19 - 21, 2015
Montreal, Canada

We would like to invite you to attend the CZEBS-iiSBE Net Zero Built Environment 2015 Symposium on Smart Net Zero Resilient Buildings and Communities being held at Concordia University, Montreal, August 19-21, 2015.

This international workshop will bring together Canadian and international experts to discuss the challenges and opportunities for the design of Smart Resilient Net-Zero Energy Buildings and Communities of the future. Net zero energy strategies are rapidly becoming the cornerstone of future building and community performance targets and are being extended to carbon and other emissions.

Click [here](#) for more information.

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The Battery Show and Critical Power Expo

September 15 - 17, 2015
Novi, Michigan



Critical Power Expo is dedicated to connecting the buyers, operators and specifiers of critical power equipment and technology with a wide range of suppliers along with the whole supply chain - from manufacturers of batteries, power systems and products to UPS equipment and monitoring systems. Taking place September 15-17, 2015, in Novi, Detroit, Michigan, the exhibition hall offers attending facilities managers, data center managers, IT managers and engineers a one-stop-shop for informing key stationary power technology decisions.

Click [here](#) for more information.

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The First International Symposium on Sustainable Human-Building Ecosystems

October 5 - 7, 2015
Pittsburgh, PA

The Steering Committee of the NSF funded Research Coordination Network (RCN) on Sustainable Human-Building Ecosystems (SHBE), in partnership with the Carnegie Mellon University, cordially invites you to participate in the First International Symposium on Sustainable Human-Building Ecosystems (ISSHBE).

The symposium provides an opportunity to share cutting edge findings in the integration of human behavioral science, social and economic sciences with building design, engineering and metrology for better understanding of building energy performance, environmental impacts and occupant comfort.

Click [here](#) for more information.

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The 6th International Conference on Smart Grid Communications (SmartGridComm 2015)

November 2-5, 2015
Miami, FL

The Organizing Committee is pleased to invite your participation in 6th IEEE International Conference on Smart Grid Communications (SmartGridComm 2015). This conference seeks to bring together researchers and practitioners around the world who are leveraging and developing Information and Communication technology for the Intelligent Grid with attendant economic, environmental, and societal benefits.

We look forward to sharing the innovative technologies and approaches being used to enable two-way energy and information flow, faster fault isolation and power outages restoration, renewable energy integration and consumer energy optimization tools as well as other smart grid applications.

SmartGridComm 2015 will be held in Miami Florida , USA on November 2-5, 2015. Miami is a major crossroads of multiple continents, rich in cultural diversity and offering many opportunities for leisure and exploration. IEEE SmartGridComm 2015 will feature a technical program centered around four thematic symposia, namely Communications and Networks to Enable the Smartgrid, Cyber Security and Privacy, Architectures, Control and Operation for Smart Grids and Microgrids and Data Management, Grid Analytics, and Dynamic Pricing.

We warmly invite you to participate in the IEEE SmartGridComm 2015 program of activities. We are confident that you will find the program to be enriching, enlightening and rewarding.

Click [here](#) for more information.

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Power Up Energy Expo

Fall, 2015
South Walton, FL



The Premier Energy Conference along the Gulf Coast, Power Up offers a great opportunity to network with peers and develop qualified leads for your business.

Click [here](#) for more information.

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Note from the Editor

Thank you for reading Florida Energy Connections and sharing this newsletter with your colleagues. We try to highlight developments in renewable energy technology and research all across Florida and the world. If you have any news you would like to see featured in the Newsletter, or events you would like to announce, feel free to e-mail floridaenergysystems@gmail.com for posting in the next newsletter and on the [FESC website](#).

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