

Report Ranks Florida #4 State for Energy Efficiency Jobs; Employing 118,400



FPL solar farm in the Redland.

Energy efficiency is the fastest-growing segment of U.S. energy-sector employment, now employing more than 2.3 million Americans—including 118,412 in Florida—according to a new analysis from E4TheFuture and the national, nonpartisan business group E2 (Environmental Entrepreneurs).

Energy efficiency workers now account for 36 percent of all energy workers in Florida, and 28 percent nationally.

The new report, Energy Efficiency Jobs in America, finds energy efficiency jobs grew 3.4 percent nationally in 2018—more than double the rate of growth for overall jobs nationwide—with 7.8% growth projected for 2019. In Florida, employers added over 5,700 jobs for a 5.1 percent growth rate in 2018 while statewide employment increased 2.1 percent. The overall national employment growth rate was 1.5 percent.

California led the nation in energy-efficiency employment with 318,500 jobs, followed by Texas (162,800), New York (123,300), Florida (118,400), and Illinois (89,400). Thirteen states saw efficiency jobs increase by more than five percent in 2018, led by New Mexico (11.6%), Nevada (8.1%), Oklahoma (7.2%), Colorado (7.2%), and New Jersey (7.1%). Not a single state saw declines in energy efficiency employment in 2018.

Efficiency businesses added 76,000 net new jobs in 2018, accounting for half of all net jobs added by America's energy sector (151,700). The sector also employed twice the number of workers in 2018 as all fossil fuel industries combined (1.18 million) and in 41 states, including Florida, energy efficiency employs more workers than fossil fuels. There are now more than 360,000 energy efficiency businesses operating across the U.S., including 14,800 in Florida.

Energy efficiency jobs include positions in manufacturing, such as building ENERGY STAR® appliances, efficient windows and doors and LED lighting systems. They include jobs in construction—retrofitting buildings, offices and schools to make them more efficient. Efficiency careers are found in high-tech design and software and professional services, as well as at the heating, ventilation and air conditioning (HVAC) companies that upgrade outdated inefficient HVAC systems, boilers, ductwork and other equipment. Energy efficiency jobs aren't limited by geography, geology or political persuasion. There are workers in energy efficiency in every state and in virtually every U.S. county, the report shows. Florida is home to 5,000 of the nation's 317,000 rural energy efficiency jobs while the Tampa Bay, Orlando, and Miami metro areas combine for nearly 70,000.

Looking at legislative districts, 21 of Florida's 27 congressional districts are home to at least 3,000 energy efficiency jobs. In the state legislature, 37 of the state's 40 senate districts along with 48 house districts had at least 1,000 energy efficiency jobs.

- 10% of energy efficiency jobs are held by veterans—nearly double the national average of 6%
- Construction and manufacturing make up more than 70% of U.S. energy efficiency jobs
- Energy efficiency jobs account for 17% of all construction jobs in Florida and more than one out of every six construction jobs nationally (1.3 million workers total)
- More than 12,000 Florida energy efficiency businesses are involved in construction or manufacturing
- Nationwide, 321,000 energy efficiency jobs are in manufacturing
- Efficient lighting technologies employ 370,000 workers nationwide
- Energy-efficient heating, ventilation, and cooling technologies employ 41,300 Florida workers and over 1.1 million nationwide
- ENERGY STAR appliances and efficient lighting firms employed 32,500 Floridians in 2018
- Energy efficiency employers are projecting 7.8% job growth nationwide in 2019
- Small businesses are driving America's energy efficiency job boom, with 75% of Florida workers employed by businesses with fewer than 20 total

ASSAULT continued from 1A

parked nearby.

Deputy Molina went to the truck and heard people talking inside. He saw an older male with his shirt off and his pants unbuttoned. Deputy Molina saw a girl only partially clothed also inside the truck. Deputy Molina ordered the male, later identified as Cabrera Vichot, out of the truck.

The Deputies notified the girl's parents.

The girl told the Deputies she and Cabrera Vichot were engaged in a sexual act, but were stopped when Deputy Molina arrived.

The girl further stated she had two previous sexual encounters with



Orlando Orlando Cabrera Vichot, 40, of Hialeah. Photo: MCSO

Cabrera Vichot. Major Crimes Unit Detective Josh Brady arrived on scene.

Cabrera Vichot stated he wished to speak to an attorney and declined to speak to Deputies.

Cabrera Vichot was taken to jail.

The Florida Department of Children and Families were notified of the case.

Bahamas "Overwhelmed" as Hurricane Relief Efforts Continue

By Larry Diehl

As Category 5 Hurricane Dorian scoured the Bahamas the weekend of September 1 with winds of 185 to 220 mph, Florida Rotary Clubs made plans for assistance.

Rotary International has long included disaster recovery efforts in its charitable mission. Rotary International District 6990 includes the Bahamas as well as Broward, Miami-Dade and Monroe counties. It's the only Rotary District of 522 in the world that includes two countries.

Rotary International District 6990 disaster relief chair, Don Horton, visited Costco Monday September 2 for supplies with hurricane winds still affecting the Bahamas. With five years of experience for Rotary, Horton was prepared with lists of probable immediate needs.

By Thursday September 5 the first four 20-foot shipping containers were packed and on their way to Grand Bahama Island. Rotary volunteers had sorted and packed supplies, put them on pallets, shrink-wrapped the loads, and prepared shipping manifests on the first relief mission to Grand Bahama.

"We were the first boots on the ground," said Horton. Rotary has five sister clubs on Grand

Bahama Island that had a pre-storm population of 73,000.

Meanwhile, Rotarians in Broward and Miami-Dade counties contracted for use of a 181-foot container ship to ferry supplies to the islands. Rotary International District 6990 Governor Ray Williams announced initial collection areas for transport to a North Miami warehouse donated by a Rotarian to sort supplies. Two sites in Broward County and four in Miami-Dade County were soon joined by other informal sites.

South Florida Rotarians secured the use of a 181-foot container ship and made the first runs to Grand Bahama Saturday September 7. After several Bahamian trips, the last containers of supplies were delivered Saturday September 14.

"The Robbins Fund, a Rotary District 6990-run fund, was created after Hurricane Andrew specifically for disaster relief," Governor Williams said in a statement September 4. "We are grateful for donated items. Money is preferred for logistical reasons. If we have money, we can order pallets of supplies already sorted, packed for shipment and inventoried."

"The Bahamas are overwhelmed," said Horton, just returned September 16 from dropping off the last five



Rotarians respond to Hurricane Dorian

Rotary clubs are taking action to provide immediate relief to those affected by Hurricane Dorian. By mobilizing Rotary's vast global network, members are able to raise funds, collect essential items, and work with other agencies to meet urgent needs. Our disaster relief partner ShelterBox is sending a team to the Bahamas to assess damage and evaluate recovery options. Rotary also has a Disaster Response Fund that helps clubs support rebuilding efforts where the need is greatest. Learn more about the fund, and follow updates on Rotary's Facebook page.

shipping containers. "Our problem is we didn't shut off collections fast enough."

A Rotary District spokesman Michael Kesti said Clubs are working with Food for the Poor, a respected ecumenical Christian non-profit organization based in Coconut Creek, Florida. It still has limited capacity for relief shipments to the Bahamas.

"Looking to the future, we're at the next phase already which is long-term recovery," said Kesti. "We're working on future shipments of building supplies, plywood and the like, as well as generators, power

tools and ice machines. We hope to rebuild the Rotary-operated community center to offer meals and a place to sleep."

For specific donations directed to Hurricane Dorian relief efforts in the Bahamas, visit the Rotary District website at <https://rotary6990.org/> which accepts donations through PayPal.

The Rotary disaster relief account, The Robbins Fund, takes no administrative expenses. Checks can be sent to The Robbins Fund, District 6990, c/o Marty Kurtz, District Treasurer, 2110 N. Ocean Blvd., #703, Fort Lauderdale, Florida 33305.

Familiar scam reported again

MCSO
An 89-year-old Upper Keys man is out \$7,500 after a thief used a popular scam to separate him from his money.

The victim reported the incident to the Sheriff's Office this month. The victim said a man named "Jason Moore" told him he was bail bondsman. Moore told the victim that one of the victim's family members had been arrested in Cleveland, Ohio and the victim needed to send money to pay the bail.

Moore directed the victim to retrieve \$7,500 in cash, and to place \$3,800 in one envelope and \$3,700 in another. He then instructed the victim to place both envelopes in a manila

folder and overnight it to 181 E. 93rd St. Apt. #1B, New York, New York using UPS®. The victim did so.

The victim called Moore the next day to verify the delivery and Moore stated a problem occurred and he needed another \$30,000. The victim stated he did not have the money and Moore began to lower the amount needed. It was at this time the victim realized the call was a scam.

Scammers often claim to be law enforcement and falsely claim they need information from residents to squash an arrest warrant or quell some criminal matter, all of which are lies. They often use real phone numbers in their deceit.

Southwest Florida Research and Education Center



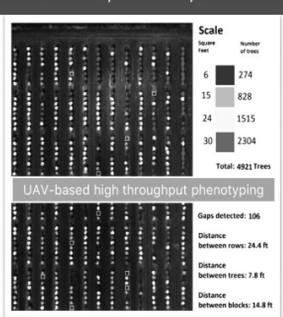

Remote Pilot License Training

Thursday, September 26th, 2019
9:00 a.m. - 3:00 p.m.
 UF / IFAS Tropical Research and Education Center
 18905 SW 280th, Homestead, Florida 33031

In order to obtain a remote pilot certificate from FAA under the small UAS (Part 107) rule, you must pass the initial aeronautical knowledge exam. This training will prepare you to pass this exam and obtain your certificate.

What you learn:

- Airspace and Aeronautical Symbols
- Aeronautical Charts
- FAA Part 107 Regulations
- Airspace Classification
- Aviation Weather
- Risk Management
- and much more



Scale

Scale (m)	Number of Trees
6	274
15	828
24	1515
30	2304

Total: 4921 Trees

UAV-based high throughput phenotyping

Gaps detected: 106

Distance between rows: 24.4 ft
 Distance between trees: 7.8 ft
 Distance between blocks: 14.8 ft

Register for your spot on the Eventbrite link (\$75 per person) below. There is no registration fee for extension agents, and UF faculty, students and staff (\$10 is requested for lunch). Still need to register here: swfrec-precag.eventbrite.com

Lunch is provided.

For questions, call 239-324-4794 or email Sri Kakarla at charanksri@ufl.edu.

Voice your Opinion

FDOT holding public hearing on tentative five-year program

MONROE COUNTY

Tuesday, October 1, 2019
6 p.m. to 8 p.m.

Marathon Government Center - BOCC Room
2798 Overseas Highway (Mile Marker 50)
Marathon, FL 33050

MIAMI-DADE COUNTY

Thursday, October 17, 2019
6 p.m. to 8 p.m.

FDOT District Six Headquarters - Auditorium
1000 NW 111 Avenue, Miami, FL 33172

Can't attend in person? Join in online via webcast and Facebook Live at the same dates and times listed above. The presentation will begin at 6:45 p.m. Or watch on Facebook Live @MyFDOTMiami. FDOT project managers will be on hand to hear your thoughts and answer your questions.

These public hearings are being held in accordance with Section 339.135, Florida Statutes and to offer the public an opportunity to comment on all projects for the highway systems and public transportation within Florida Department of Transportation District Six's Tentative Five-Year Work Program. District Six comprises Miami-Dade and Monroe Counties. The Tentative Five-Year Work Program covers the period for 2019/20 - 2023/24.

Send written comments for Monroe County by October 15, and for Miami-Dade County by October



31 to Tish Burgher, District Public Information Officer, by mail: 1000 NW 111 Avenue, Room 6134, Miami, Florida 33172, or email: Tish.Burgher@dot.state.fl.us.

These comments will also be incorporated into the public document. All interested persons are invited to attend and be heard. The proposed improvements have been developed in accordance with the Civil Rights Act of 1964 and the Civil Rights Act of 1968.

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge) should contact Hong Benitez, at least seven days prior to the meeting, by telephone: 305-470-5219, in writing: 1000 NW 111 Avenue, Miami, Florida 33172, or via email: Hong.Benitez@dot.state.fl.us.