

THE POWER SOURCE

IGNITING THE FUTURE OF FLORIDA



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Power Profile: Danielle Mousseau

Manager of Economic Development
Florida Power & Light

Danielle, you have had a number of roles at Florida Power & Light prior to your current position as Manager of Economic Development, 35 Mules, can you tell us a little bit about your background and how you got involved in the energy industry?

I knew of FPL as a Palm Beach County native. As a Fortune 200 company, I knew that it is a great place to work, and I was fortunate to have an internship in the marketing department more than 16 years ago. My career there has taken many different shapes from marketing.....[read more](#)

Recently, we were able to highlight some of the graduates of the 35 Mules Program at FWELF. They're so impressive and clearly articulated the benefits from the incubator program. What do you hope the long term impacts can be from such a partnership?

The goal is for the companies that graduate from 35 Mules continue to grow into larger companies that create jobs and invest in Florida first. We also select companies to join 35 Mules due in part to the innovative technology they have developed. The innovative technology can help FPL.....[read more](#)

Do you think there is more to be done to encourage women to enter STEM related careers?

There is always more work to be done to encourage women to enter careers where they are a minority. Encouraging women to enter STEM must start at the earliest age to allow for curiosity and excitement to develop.....[read more](#)

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[Read Danielle Mousseau's Full Interview](#)



A new proposal would add a fee for Florida EV drivers



Senate Transportation, Tourism and Economic Development Appropriations Chairman Ed Hooper, a Republican from Clearwater, has introduced a bill for consideration during the 2024 legislative session in Florida. This bill aims to address the challenge of lost gas-tax revenue due to the growing adoption of electric vehicles in the state.

The proposed legislation suggests imposing an annual registration fee on electric vehicles, which would be in addition to the regular registration fees. Specifically,

Electric vehicle owners would be required to pay \$200 per year as a registration fee, with this amount increasing to \$250 starting in 2029. Additionally, plug-in hybrid vehicle owners would face an annual fee of \$50. One key reason behind this proposal is the concern that Florida relies on gas-tax revenues to fund transportation projects. As more people switch to electric vehicles, there is a projected decrease in revenue from gas taxes. [Read more](#)

Duke Energy extends industry-leading methane monitoring to interstate natural gas assets with U.S. Department of Energy funding



Duke Energy has secured nearly \$1 million in funding from the U.S. Department of Energy's Office of Fossil Energy and Carbon Management for its Integrated Methane Monitoring Platform Extension project. Duke Energy's existing methane-monitoring platform, which has reduced methane leaks by over 85% since early 2022, employs advanced technologies like satellites and sensors to detect and measure methane emissions on natural gas distribution systems.

The expansion project will extend this monitoring to interstate and customer natural gas assets, creating a standardized framework for methane measurement that can encompass various upstream components.

This initiative also involves collaboration with Williams, particularly with the Transco pipeline, a natural gas supplier to Duke Energy. Methane emissions monitoring tools will be deployed at a compressor station on the pipeline, employing a range of measurement technologies, including satellites and unmanned aerial vehicles. The project aims to analyze data from these technologies to enhance understanding of their performance in different environmental conditions.

"We are proud of our industry-leading role in methane reduction," said Sasha Weintraub, senior vice president and president of Duke Energy's natural gas business. ***"This is a great example of innovation and collaboration, and we are excited to integrate and deploy methane emissions tracking to help decarbonize the natural gas value chain."*** [Read more](#)



JEA Launches Fleet Vehicle Electrification Program



To help further reduce tailpipe emissions in Northeast Florida, JEA has launched a fleet vehicle electrification program aimed at supporting commercial customers transitioning to electric vehicles (EVs). The JEA Fleet Electrification Program, in collaboration with its implementation contractor, Resource Innovations, supports commercial customers that have interest in electrifying. The program is open to fleets of all sizes.

“At JEA, we are always looking to balance reliable and affordable service while also staying true to our commitment to be an environmental steward,” said JEA Managing Director and CEO Jay Stowe. ***“This collaboration brings together our strengths and resources, enabling JEA to provide viable and lasting solutions for our customers.”***

The new program gives JEA and its commercial customers the necessary tools and engineering advice to help develop a comprehensive fleet conversion plan. Program service offerings include a free total cost of ownership calculator tool with direct access to a fleet electrification expert. JEA’s goal is to help customers create an actionable fleet conversion plan that may be implemented over time. [Read more](#)

FMPA Expresses Concern About EPA Proposed Greenhouse Gas Regulation

Florida Municipal Power Agency (FMPA) filed comments to the Environmental Protection Agency (EPA) regarding the organization’s proposed greenhouse gas (GHG) rule for electric utilities. The rule, which targets CO2 emissions from fossil fuel-fired power plants, presents unique challenges in Florida. Florida relies on natural gas generation for 75% of its power supply, by far the highest percentage in the United States. It would be one of the most impacted states by EPA’s proposed rule, which would introduce experimental “green” hydrogen to partially fuel natural gas power plants by 2032.

The Florida Reliability Coordinating Council (FRCC), a not-for-profit member services organization for Florida’s electric utilities, also filed comments on the proposed rule. The FRCC reported the rule would likely reduce natural gas generation levels between 20% to 40% for natural gas units, creating significant reliability risks in Florida.

“Florida is not situated to comply with the rule within the proposed time frame and it would result in 8% unserved energy, or the equivalent of blacking out all of Florida’s residential customers for two months, according to FRCC analysis,” said Jacob Williams, CEO and general manager at FMPA. “To meet the proposal, permitting and building out the ‘green’ hydrogen production, transportation and storage facilities for most of the natural gas plants in Florida would take much longer than eight years and will be extremely costly.” [Read more](#)



DOE Accepting Applications for the Career Skills Training Program

The U.S. Department of Energy (DOE) is now accepting applications for competitive funding to expand energy efficiency workforce training programs. Authorized by President Biden's Bipartisan Infrastructure Law, the **Career Skills Training program** (CST) will provide up to \$10 million in competitive grants for nonprofit partnerships between public or private industry and labor organizations to deliver programs that provide both energy efficiency classroom instruction and on-the-job training.

This program will ensure that our building performance professionals, energy auditors, and other energy efficiency workers will be ready for our country's upgrade to a more sustainable future. Program participants will obtain industry-related certifications to install energy efficient building technologies.

"President Biden's historic investments are accelerating the clean energy transition, creating hundreds of thousands of good-paying jobs, while turbo-boosting our clean energy economy," said U.S. Secretary of Energy Jennifer M. Granholm. "Today's investment expands career training and retention programs that will equip the workforce with the necessary skills to deliver on the President's climate goals and help us achieve our equitable clean energy transition." [**Read more**](#)

Florida Leads Nation in Solar Installations for 2023



According to a recent report by the Solar Industries Association, Florida is leading the nation in solar installations in 2023. The data reported by Wood Mackenzie and SEIA highlights the addition of 2,499 megawatts of solar-generation capacity in the sunshine state. The report attributes this year's increase to easing of COVID-19-related supply chain challenges and restrictive trade policies that slowed growth in 2022.

"The United States is now a dominant player in the global clean energy economy, and states like Florida, Texas, Ohio, and Georgia are at the forefront of this job growth and economic prosperity," said SEIA president and CEO Abigail Ross Hopper. "The solar and storage industry is delivering abundant clean energy that is generating tens of billions of dollars of private investment, and this is just the tip of the iceberg."

A surge of new domestic manufacturing investments is also expected to improve supply conditions over the next few years. If these factory announcements materialize, by 2026 U.S. solar module manufacturing output will be ten times greater than it is today. The utility-scale and residential solar markets led the way with new capacity additions in Q2, growing by 3.3 GW and 1.8 GW, respectively. [**Read more**](#)



Announcing FWELF 2024



FWELF 2024: THE POWER OF COLLABORATION

OCTOBER 21-23 | THE JW MARRIOTT | TAMPA, FL



Three Students Awarded Scholarships at Florida's Women in Energy Leadership Forum

The Future of Energy Scholarship



Thank you to Florida Natural Gas for generously providing \$3,000 in scholarship funding for two FWELF student participants. The scholarship, titled The Future of Energy Scholarship, was created to provide funds to FWELF student participants pursuing higher education. We received numerous deserving applications, we thank all of the students for their participation and congratulations to both awardees, Hannah Quenga, Stetson University and Brianna Riley, University of Florida.



AABE FL Scholarship

AABE FL has been a generous partner of FWELF for many years, providing \$1,000 in scholarship funding for a deserving student. The student is chosen through AABE Florida's application process and attends FWELF as a student participant. Congratulations to this year's AABE FL awardee, Laura Hunter, Florida International University.

