

# THE POWER SOURCE

IGNITING THE FUTURE OF FLORIDA



**September 2025**

**Allison Myers**

**Chief Growth & Strategy Officer**

*HData*

**Allison, what does HData do as it relates to providing services to the energy industry?**

HData provides a regulatory intelligence platform that aggregates and structures documents from federal, state, and utility commission proceedings, enabling energy companies, regulators, and intervenors to analyze rate cases more efficiently. By applying an AI layer to the full corpus of U.S. regulatory filings, the platform helps stakeholders.....[Read More](#)

**You had a major acquisition announcement this summer. What was your role and what will this acquisition mean for HData's growth?**

Yes! We were thrilled to announce HData's acquisition of Insight Engine from Advanced Energy United. I had previously been advising HData, and when this opportunity emerged through CEO Hudson Hollister's relationship with Advanced Energy United's leadership, I stepped in to lead the transaction—negotiating terms and driving due diligence.....[Read More](#)

**As we seek to inform, inspire, and motivate the next generation of workforce talent, briefly share with us your education and professional background.**

I started my career as chief of staff at a startup that was acquired by a large corporate just as I joined, giving me a unique perspective into both a scrappy entrepreneurial environment and a century-old organization. After business school, I joined Accenture's Strategy Consulting practice, focusing on energy, mobility, infrastructure, and the built environment—often working with utilities.....[Read More](#)

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## Tech Meets Nuclear: Google, Kairos Power, TVA Sign Historic Power Deal for AI Data Centers



Google, Kairos Power, and the Tennessee Valley Authority (TVA) have announced a collaboration to meet America's growing energy needs through advanced nuclear technology. Under a new power purchase agreement, Kairos Power's Hermes 2 Plant in Oak Ridge, Tennessee, will deliver up to 50 megawatts (MW) of reliable, 24/7 energy to the TVA grid, which powers Google data centers in Tennessee and Alabama. This marks the first time a U.S. utility has signed a power purchase agreement to buy electricity from an advanced Generation IV reactor. The Hermes 2 reactor is the first deployment under Kairos Power's agreement with Google to enable 500 MW of new, advanced nuclear capacity to come online by 2035 to support Google's load growth. To accelerate the delivery of clean energy to Google, Kairos Power will increase Hermes 2's output from 28 MW to 50 MW generated by a single reactor, scheduled to begin operations in 2030.

Through this agreement, Google will receive the clean energy attributes from the plant through the TVA system to further decarbonize its data center operations in Montgomery County, Tennessee, and Jackson County, Alabama, and support future growth in the region. This collaboration demonstrates TVA's commitment to integrating innovative, firm energy sources like Kairos Power's advanced nuclear technology to proactively support the development of new clean generation within its service territory. [Read More](#)

## Duke Energy Florida Files Large Load Customer Rate Schedule

Duke Energy Florida, LLC (DEF) has filed a petition with the Florida Public Service Commission to create a Large Load Customer (LLC-1) Rate Schedule, along with accompanying policies and agreements tailored for high-demand electricity users such as data centers. The filing includes proposed tariff sheets, a Large Load Customer Policy (LLCP), a Large Load Customer Agreement (LLCA), changes to the Contribution in Aid of Construction (CIAC) tariff, and direct testimonies from DEF witnesses. The utility aims to address the rapid growth in electricity demand from large loads, particularly data centers, which are projected to double or triple energy usage by 2028, while also capturing potential economic benefits like job creation, tax revenue, and infrastructure investment.

The proposed framework establishes a new customer class for billing demand of 1,000 kW or higher, with a cost-based rate schedule designed to recover fixed costs efficiently and streamline billing. The LLCP and LLCA include protections such as minimum "take-or-pay" provisions, 15-20-year contract terms with structured termination penalties, and required financial security. CIAC tariff updates clarify contributions toward infrastructure costs and ensure fair treatment for all customers. Overall, DEF's plan seeks to attract large load customers to Florida while safeguarding existing retail customers from cost risks, balancing economic development opportunities with financial responsibility and equitable cost recovery. [Read More](#)



## JEA Board Approves Plan to Build Natural Gas Plant to Meet Future Energy Needs

The JEA Board of Directors voted unanimously today to approve a plan for the utility to build a combined cycle natural gas facility at the former St. Johns River Power Park site. The plan delegates authority to CEO and Managing Director Vickie Cavey to negotiate and sign an agreement with [GE Vernova](#) by the end of August to reserve JEA's position in the manufacturer's production schedule.

This infrastructure investment will allow JEA to strengthen system reliability and meet future energy demands as Northeast Florida's population grows and energy load growth continues. The board's approval sets the project cost at \$1.57 billion.

***"We have to be able to deliver reliable energy to everyone, all JEA customers. The risk is unacceptable if we punt combined cycle down the road. My personal view is that the risk isn't worth it," JEA Board Chair Joseph DiSalvo said.***

A combined cycle power plant uses both gas and steam turbines to produce up to 50 percent more electricity from the same fuel than a traditional simple-cycle plant. A new combined cycle plant will allow JEA to replace, and increase, electricity currently being produced by the 48-year-old Northside Generation Station Unit 3, a natural gas unit. The utility plans to retire Unit 3 by 2031 due to its age, costly repairs and the potential need for more investment due to environmental regulations.

A new combined cycle plant will have the capacity to generate up to 675 megawatts enough to power up to 300,000 homes.

[Read more](#)

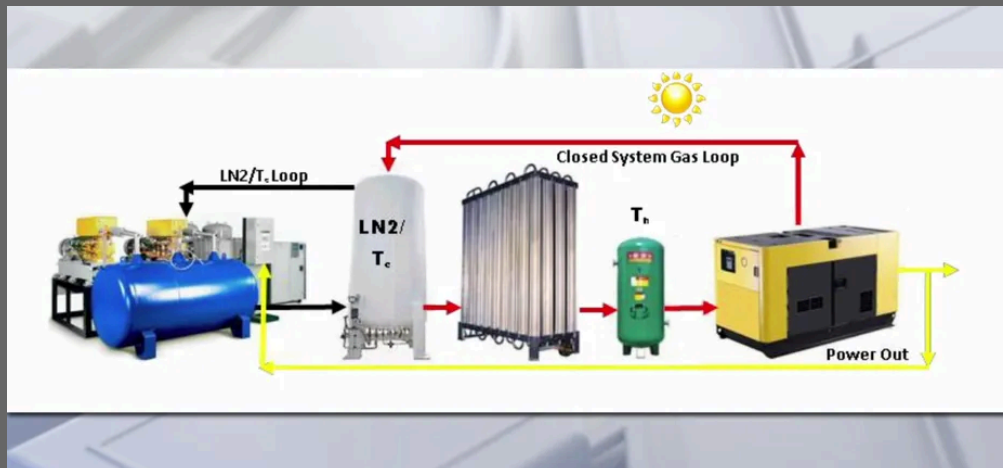
## Duke Energy Florida Announces Significantly Lower Bills in 2026

Duke Energy Florida announced a substantial rate reduction in 2026 as part of its annual rate adjustment. The changes reflect adjustments to fuel, capacity, energy conservation, storm protection, and environmental compliance costs. The company emphasized that it does not profit from fuel costs and works to shield customers from price swings under a 2025–2027 agreement with advocacy groups. The update also reflects investments in grid reliability and solar energy, which are expected to reduce outages, speed restoration after storms, and lower fuel costs. Approval from the Florida Public Service Commission (FPSC) is expected later this year.

For residential customers, bills may initially rise by about \$7.54 for 1,000 kWh usage in January–February 2026 compared to December 2025, but beginning in March 2026, bills are projected to drop by approximately \$44.16 for the same usage. Commercial and industrial customers may see initial increases of 4.3–8.2% in early 2026, followed by decreases of 9.6–15.8% starting in March. The reduction is largely due to the removal of the Storm Cost Recovery charge related to Duke Energy Florida's response to hurricanes Debby, Helene, and Milton. [Read more](#)



## Lakeland Electric to Become First to Open Liquid Nitrogen Energy Generation Facility



Lakeland Electric is pioneering a new energy technology as the first utility in the United States to pilot a liquid nitrogen generation facility. Located at the Socrum Substation off US 98 N in Lakeland, Florida, this compact facility will cover just half an acre and generate 5 megawatts of electricity—enough to power approximately 5,000 homes. This is achieved by combining solar thermal energy with liquid nitrogen, enabling 24/7 power production even when the sun isn't shining. The system captures and stores solar heat during the day and uses it to produce liquid nitrogen, which can then be used to generate electricity at night.

The pilot project is being developed in collaboration with American Independent Power and is expected to be operational by Labor Day 2026. According to Mike Dammer, Emerging Technology Manager at Lakeland Electric, the flexibility of this system is a key advantage. It could be scaled from a 1-megawatt distributed energy system in a neighborhood to a 100-megawatt centralized system at the McIntosh Power Plant, with various intermediate configurations. The primary goal is to assess how this technology integrates into the existing grid, particularly in providing reliable power during outages or disruptions. The facility's design allows for power distribution even if transmission lines are down, offering a potential solution for maintaining electricity supply in challenging conditions. [Read More](#)



## Franklin County Legislators Call for Oversight of Apalachicola's Utilities



Franklin County legislators Senator Corey Simon and Representative Jason Shoaf proposed legislation to place the City of Apalachicola's water and sewer systems under the oversight of a state-appointed board. This move aims to address ongoing water quality issues that have affected residents, including unpleasant odors and unusable water. The proposed legislation seeks to expand the Eastpoint Water and Sewer District to encompass Apalachicola and St. George Island, thereby transferring control from the city to a state-controlled entity. The legislators argue that this shift would improve management and reduce political interference in utility operations.

Apalachicola Mayor Brenda Ash has reported improvements in the city's water quality, with water now being clear and odor-free. Additionally, a special piece of equipment to facilitate long-term repairs is expected to arrive next month. Despite these advancements, state lawmakers believe that a state-appointed board would provide more effective oversight and management of the utilities. The proposal has sparked debate among local officials and residents about the balance between local governance and state intervention in municipal services.

## Essential Utilities to Invest \$26 Million in Major Data Center in Western Pennsylvania



Essential Utilities has announced a \$26 million investment in a major data center project in Greene County, Pennsylvania. The facility, spanning approximately 1,400 acres, is being developed in partnership with International Electric Power III (IEP). Scheduled to commence operations in early 2029, the center will be powered by 944 megawatts of behind-the-meter natural gas combined cycle combustion turbines, complemented by battery storage systems.

Essential Utilities' subsidiaries, Aqua and Peoples, will play pivotal roles in the project's development. Aqua is tasked with designing, constructing, and operating an 18-million-gallon-per-day water treatment plant to supply the necessary cooling for the data center. Peoples will provide natural gas services and energy management solutions. This collaboration underscores Essential Utilities' commitment to leveraging its expertise in water and natural gas services to support the expansion of digital infrastructure in Pennsylvania. The project aligns with broader initiatives to foster innovation and economic growth in the region. [Read More](#)



## Florida Power & Light Company and 10 key Stakeholder Groups File Settlement Agreement

Florida Power & Light Company (FPL) and 10 key stakeholder groups have submitted a four-year rate settlement agreement to the Florida Public Service Commission (PSC), aiming to reduce FPL's original revenue request by approximately 30%. This adjustment translates to about \$2.9 billion in savings over the four-year period, while still supporting necessary investments in grid infrastructure and new generation to meet Florida's growth. Under the proposed settlement, the typical 1,000-kilowatt-hour residential customer bill would increase by approximately \$3.79 per month in 2026, which is significantly lower than FPL's initial proposal. Even with this increase, FPL projects its bills will remain well below the national average through 2029.

The settlement also maintains essential consumer protections, including annual PSC review and approval of fuel and other variable costs, oversight of infrastructure investments such as solar and battery projects, and adherence to performance standards and reliability metrics. Additionally, FPL commits to not disconnecting customers for nonpayment during heat advisories and extremely hot or cold temperatures. The agreement supports Florida's anticipated growth by enabling investments in solar energy, battery storage, and smart-grid technologies, while protecting customers from fuel price volatility. FPL's typical residential customer bills are currently \$24 lower than those of an average utility, thanks to the company's low operating and maintenance costs. The settlement also provides additional funding for eligible customers who may be struggling and need assistance paying their bills.

**Settlement participants:** Parties to the agreement include the Florida Retail Federation, Florida Industrial Power Users Group, Florida Energy for Innovation Association, Walmart, Southern Alliance for Clean Energy, EVgo Services, Fuel Retailers, Electrify America, Federal Executive Agencies and Armstrong World Industries.

**Next steps:** The PSC will set a schedule to thoroughly review the settlement agreement and full proposal, along with other information pending before the PSC, before voting on new rates. If approved, new rates would take effect Jan. 1, 2026. [Read More](#)

