



Bringing Energy Solutions to You

Insights

A monthly newsletter for all GPA Customers • Issue No. 102 • September 2025

Ukudu Power Plant Testing Resumes



Guam Ukudu Power (GUP), GPA's independent power producer, has completed repairs to the steam turbine rotor and resumed testing of the 198 MW Ukudu Combined Cycle Power Plant. As part of GUP's testing, brief outages may occur, but these are expected during the step-by-step commissioning process to bring the plant online.

GPA is providing reserve capacity and has crews on standby to restore power quickly when needed. Once completed, the Ukudu Power Plant will deliver reliable, more cost-effective energy for Guam's families and businesses.

Labor Day Message from the General Manager

Buenas yan Háfa Adai!

Labor Day is a time to honor the hardworking men and women who keep Guam moving forward. At Guam Power Authority, we extend our deepest appreciation not only to our employees, but to all of Guam's workforce, in both public and private sectors, whose dedication elevates our island's families and businesses.

Within the last year, as we worked to address generation shortfall, GPA successfully shifted up to 16 MWh of Battery Energy Storage System (BESS). We were also supported by our U.S. Navy partners, large businesses, and government of Guam agencies to help add capacity. In addition, our request for power conservation during peak demand hours was met with positive responses from the community. Together, these efforts strengthened our ability to maintain stability until the new Ukudu Power Plant comes online.

Earlier this year, GPA integrated 5 MW of energy production from the Ukudu CT Unit 1 into our Islandwide Power System (IWPS) during initial testing. During the August 2025 testing, the new Ukudu Power Plant contributed over 100 MW into the IWPS. This important step marked progress toward the full commissioning of the 198 MW Ukudu Power Plant, scheduled for end of the year. Alongside Phase IV renewables, which will shift 50% of generated solar energy into the evening hours, these initiatives are designed to secure reliable energy for Guam's future.

We were also able to deliver meaningful savings to our customers by reducing the Levelized Energy Adjustment Clause (LEAC) rate from about 26 cents to 20 cents effective February 1, 2025, followed by a further reduction to about 15 cents effective August 1, 2025. Together, these actions are expected to reduce fuel imports by over 900,000 barrels, moving us closer to a cleaner, more reliable, and sustainable future.

On this Labor Day, we celebrate the dedication of every worker across our island. Si Yu'os Ma'áse' for your contributions to our community. Together, we look forward to a new energy chapter, guided by our promise of #PowerToServe.

John M. Benavente, P.E.
General Manager, Guam Power Authority



Staying Ready: How Guam Can Prepare Together

Each September, National Preparedness Month reminds us that Guam faces unique challenges from typhoons and tropical storms. Readiness must extend across our entire community, residents, businesses, and government agencies alike. GPA continues to strengthen our systems to ensure power can be restored safely and quickly when disasters strike, but preparedness begins at every level.

GPA has taken steps to remain ready. Our employees conduct emergency response drills, critical parts and fuel reserves are stocked in advance of storm season, and coordination with the National Weather Service, Guam Homeland Security, and the Office of Civil Defense helps ensure timely communication before, during, and after severe weather. Maintenance outages that residents have become familiar with are also a key part of these protocols. They allow GPA to perform critical upgrades and ensure the system is strong before an emergency arrives.

Families and businesses also play a key role. Guam Homeland Security and the Office of Civil Defense recommend:

- Building an emergency kit with food, water, medicine, and essential supplies for at least seven days.
- Preparing backup power or battery supplies for critical needs, especially medical equipment.
- Staying connected by signing up for emergency alerts and following official information channels.
- Securing important documents and making a family communication plan.

Preparedness is strongest when we all do our part. GPA will continue to invest in stronger infrastructure, but households and businesses can make a real difference by planning ahead. Let's be ready to protect what matters most, our families, homes, and our island community. Turn to the backside of this newsletter for practical tips to help you prepare.



Why Maintenance Outages Matter

Maintenance outages aren't just routine – they're part of GPA's preparedness plan. By taking short, scheduled outages, our crews can safely perform upgrades, inspections, and repairs that strengthen the system before severe weather arrives.

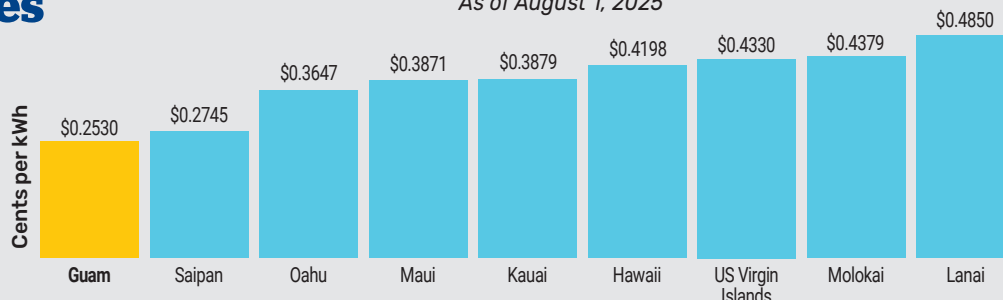
These proactive measures help reduce the risk of longer, unexpected outages during storms and ensure power can be restored more quickly when emergencies occur.



Lowest Regional Rates

Guam's residential power rate stands at 25 cents per kWh, the lowest in the region. By comparison, rates in Hawaii, the Virgin Islands, and other island communities range between 36 to 48 cents per kWh. Guam's recent LEAC reduction has helped bring local rates down, providing meaningful savings for customers while still ensuring reliable service. GPA continues to keep rates as low as possible through efficiency and cost-saving measures, reflecting our commitment to Power To Save.

REGIONAL ENERGY RATE COMPARISON As of August 1, 2025



Notes: Rates for Guam effective August 1, 2025. Rates for Saipan effective August 1, 2025. Rates for Virgin Islands effective as of March 1, 2022 and remains unchanged. Rates for Kauai, Oahu, Hawaii, Maui, Molokai, Lanai effective August 1, 2025. All rates were based on 1,000 kWh residential consumption.



What is a Smart Grid?

A smart grid uses modern technology to monitor and manage electricity in real time. It helps GPA detect problems faster, reroute power when outages occur, and restore service more quickly after storms.

For customers, this means fewer disruptions, faster restoration, and better tools to track and manage energy use at home.

Smart Grid Grant

Guam Power Authority (GPA) has received a \$500,000 grant from the U.S. Department of Agriculture Rural Utilities Service to study new ways to make Guam's power system stronger, faster, and more reliable. The funding will support a feasibility study focused on GPA's Smart grid and fiber network – the communication backbone that helps restore power during outages and keep the system running efficiently.

A smart grid uses advanced technology to monitor electricity in real time. This means GPA can detect issues more quickly, reroute power to keep the lights on, and shorten restoration times after storms. The study will look at how GPA can enhance this system to better serve customers and improve resilience against future disasters.

The project will also explore how GPA's existing fiber optic network could help expand broadband service on Guam. By building on infrastructure already in place, this initiative has the potential to improve internet access for families and businesses in underserved areas, while also strengthening the communication systems GPA relies on to manage the grid.

"Reliability is at the core of GPA's mission, and this grant allows us to explore new ways to harden our grid while delivering benefits for the entire island," said GPA General Manager John M. Benavente, P.E. "By assessing how our Smart grid infrastructure can support broadband expansion, we can create a more secure and connected Guam."

Both efforts share a common goal: to create a more reliable and connected island. With stronger energy and broadband networks, Guam's communities can count on better service in everyday life and greater resilience during emergencies.

GPA Power Preparedness Tips

Be storm-ready. These simple steps can help protect your home and family while keeping Guam powered through emergencies.

Prepare your home for power outages.

Surge Protectors: Install surge protectors to safeguard your appliances and electronics from power surges during storms.

Backup Generators: For those who rely on medical equipment or need continuous power, consider investing in a backup generator. Ensure it is properly maintained and ready for use.

Battery Backups: Keep batteries charged and ready for smaller devices, including medical equipment, to ensure you have power when you need it most.

Stay informed during an outage.

Develop a Backup Communication Plan: Consider alternative communication methods, such as satellite phones or two-way radios, and establish a plan for staying in touch with loved ones.

Stay Informed: Get the latest information from local media partners, Guam Homeland Security, National Weather Service, and GPA social media pages.

Charge Devices in Advance: Fully charge your mobile devices and have portable chargers on hand to maintain communication during power outages.

Don't forget your medication.

Medications: Ensure you have a full supply of prescription medications to last during a typhoon recovery period.

Backup Power Sources: Ensure you have battery backups or generators to keep your medical equipment running during outages.

Coordinate with Healthcare Providers: Discuss your emergency plan with your healthcare provider and ensure they are aware of your needs.

Notify GPA as soon as possible:

Inform GPA and response coordinators if you have critical medical equipment so recovery resources and agencies can collaborate to provide solutions during extended outages.

Scan the QR code to explore resources that help you promote individual and community activities, along with preparedness tips to keep everyone safe.



LANDON AYDLETT

Scan the QR code to stay connected with the US National Weather Service Guam and stay ready for brighter days after the storm.



Your elected Consolidated Commission on Utilities (CCU) holds two (2) working sessions and one (1) regular meeting monthly. Meeting location is the CCU Conference Room, Gloria B. Nelson Public Service Building in Fadian, Mangilao. For more information and agencies, call the CCU Board Secretary at (671) 648-3002 or visit www.guamccu.org.

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