



Bringing Energy Solutions to You

Insights

A monthly newsletter for all GPA Customers • Issue No. 101 • August 2025

Ukudu Power Plant Commissioning Status



Repairs to the high-pressure turbine casing are underway, with reinstallation expected by mid-August. Balance testing has resumed, and full combined-cycle testing is set to follow. Guam Ukudu Power is working toward the September 30 commissioning target, though a short delay remains possible.

Ukudu Power Plant Commissioning Update & Approved Extension of Cabras PMC

In its July meeting, the Consolidated Commission on Utilities (CCU) approved the extension of the Power Management Contract (PMC) at the Cabras Power Plant for four additional months. This move is part of GPA's contingency plan as final repairs and testing continue at the Ukudu Combined Cycle Power Plant.

A mechanical issue was discovered during ramp-up testing in June: expansion in the turbine casing caused rotor-to-casing rubbing in the high-pressure unit.

Guam Ukudu Power (GUP) has since repaired the casing and shipped replacement parts overseas for rework. These parts are expected back on island by mid-August, with reinstallation and testing to follow.

GUP continues to target a September 30 commissioning date, working on an aggressive schedule with balance testing already underway. GPA is closely monitoring progress and verifying whether the deadline can still be met.

The PMC extension, operated by TEMES, ensures GPA can continue to run Cabras Units 1 & 2 if commissioning at Ukudu is further delayed.

With fuel procurement and contractor continuity secured, Cabras will remain available to support grid reliability and avoid potential load-shedding during peak demand or unforeseen delays.

The extension is precautionary, providing GPA with operational flexibility while still prioritizing the transition to Ukudu.

If GUP does not meet the September 30 deadline, the contract includes penalties of \$240,000 per day. This figure reflects the estimated daily cost to operate Cabras in lieu of Ukudu.

These penalties were built into the accelerated commissioning agreement and represent a key accountability mechanism to protect customer interests.

Despite this short-term uncertainty, GPA confirms that the LEAC reduction remains in effect as of August 1.

The average residential customer can expect to save approximately \$53 per month, with even more savings possible through energy conservation at home.

On Track for 50% Renewables: Phase IV Projects Advance Guam's Clean Energy Future

GPA is making significant strides toward achieving over 50% renewable energy - a target now expected to be met years ahead of the 2035 legislative mandate. This progress is guided by GPA's Clean Energy Master Plan (CEMP), the strategic roadmap for delivering reliable, resilient, and affordable clean energy for Guam.

At the center of this momentum is Phase IV of GPA's Renewable Energy Resource Acquisition, which includes up to 330 megawatts (MW) of solar photovoltaic (PV) energy integrated with energy storage systems (ESS). These projects are designed to shift 50% of daytime solar production to nighttime hours, helping reduce peak demand, enhance system reliability, and support long-term affordability.

Under the 25-year agreements, all projects must be commissioned within 36 months of contract execution. To date, five proponents have moved forward:

• KEPCO-EWP-Samsung C&T

Awarded February 28, 2025, this project will deliver 132 MW of solar PV and 67 MW / 260 MWh of ESS. It has been approved by both the Consolidated Commission on Utilities (CCU) and the Public Utilities Commission (PUC), and construction is now underway.

• Core Tech, LLC

Approved by CCU on August 27, 2024, this project includes 60 MW of solar and 30 MW / 120 MWh of ESS. PUC approval and contract finalization are pending.

• PEC-LMS Consortium / PRU Entities

This 18.4 MW proposal spans multiple sites and is pending CCU and PUC approvals. The project is in the contract finalization stage.

• Mohave Marianas, LLC and Power Solutions, LLC & SK

Both are currently in negotiations.

Phase IV represents GPA's most extensive renewable procurement to date. When combined with the upcoming commissioning of the Ukudu Power Plant in 2025, these projects are expected to reduce fuel imports by over 900,000 barrels per year estimates, GPA continues to make measurable progress toward a more sustainable and affordable energy future for all of Guam.

Phase IV at a Glance



Goal

Meet and exceed 50% Renewable Portfolio Standard ahead of the 2035 mandate



Capacity

Up to 330 MW of utility-scale solar PV with integrated energy storage systems (ESS)



Energy Shifting

50% of solar energy produced during the day will be stored and dispatched at night



Timeline

Projects must be completed within 36 months of contract signing



Fuel Reduction

Will significantly contribute to the reducing imports by 900,000+ barrels per year



Customer Impact

Supports long-term affordability and reduced reliance on volatile fuel markets



Did you know?



Brown Tree Snake-Induced Outage by Village in 2025

VILLAGE	NO. OF OUTAGES	VILLAGE	NO. OF OUTAGES
Agana Heights	0	Malessó'	0
Asan Mai'na	0	Mangilao	1
Barrigada	2	Mongmong - Toto - Maite	6
Chalan Pago - Ordot	3	Piti	8
Dededo - Macheche	6	Sánta Rita - Sumai	5
Hågat	2	Talo'fo'fo	3
Hagåtña	2	Tamuning, Upper Tumon Tiyan, Harmon	0
Humåtak	1	Yigo	4
Inalåhan	2	Yona	4

Brown Tree Snakes are a Major Cause of Power Outages on Guam

Snakes caused an average of 151.5 power outages per year, from 2021 to 2024. GPA combats Brown Tree Snakes (BTS) by trimming vegetation near poles and lines, snake barriers have been installed at substations, and contracts the US Department of Agriculture (USDA) to stage traps along the perimeter of power substations. Although helpful, these efforts have not reduced the number of snake-caused outages to acceptable levels. Collaboration has begun with a team from the US Geological Survey (USGS), made possible through a grant from US Department of Interior, Office of Insular Affairs (DOI-OIA) to find other ways to battle our snake issues.

GPA provides USGS information on BTS-caused outages to gain a better understanding of the intrinsic and extrinsic factors that contribute to snake-caused outages. The expectation is to observe snake movements around the power infrastructure and within substation yards in order to determine the most effective methods of mitigation and prevention for these types of outages. Over two years' worth of data has already been provided through this project which includes location, date, pole ID, type of pole or structure and locations where vegetation trimming or bird nest removal has occurred. This data is also used for research and analysis on an expanded scale to prevent other islands and regions from the devastating environmental and economic effects of BTS infestation.

USGS has recently shifted activities to conduct night surveys at our substations with hopes to provide more insight on snake behavior and activities. Planning meetings have begun for public notice and education outreach campaigns to educate ratepayers island wide are forthcoming. Night surveys officially started last month.

GPA continues collaborating with USGS under supported grant funds to determine and support development of effective control measures in preventing snake-caused outages. GPA is proud to be part of the BTS Technical Working Group (TWG), a body comprised of Federal, state and territorial partner agencies, established through the Brown Tree Snake Control and Eradication Act of 2004 (PL108-384). This group aims at preventing the spread of the BTS to other areas, protect native ecosystems and mitigate the impacts globally.

49 Brown Tree Snake-Induced Outages by Month

January: 4
February: 4
March: 3
April: 7

May: 6
June: 14
July: 11

For power emergencies, please contact our Power Systems Control Center (PSCC) or Dispatch.

(671) 475-1472/3/4

Did You Know? What the Self-Insurance Charge Really Covers

Ever notice the "Self-Insurance Charge" on your GPA bill and wonder what it's for?

Guam Power Authority
Aturidåt Ilektrésedåt Guahan
MY ENERGY STATEMENT

JOHN Q. SAMPLE
100 SAMPLE ST
MAITE, GU 96915-0208

BALANCE FROM PREVIOUS STATEMENT	AMOUNT PAID	ADJUSTS	CURRENT PERIOD BILLING	PAYMENTS ALLOCMENTS	TOTAL AMOUNT DUE
\$380.92	\$-380.92	\$0.00	\$391.20	\$0.00	\$391.20

SERVICE INFORMATION
Account Number: 060000000
Primary Name: JOHN Q. SAMPLE
Service Location: 100 SAMPLE ST
Bill Date: 06/09/2025
Due Date: 06/24/2025

MONTHLY ENERGY HISTORY

Read Date	Meter Nr	Current Rdg	Previous Rdg	Multiplier	Consumption	Unit	Days	Ave/Dy
06/04/2025	02282014	91561.64	96288.87	1	1632.976	KWH	31	53.32

Get alerts of potential outages on your street

- Log onto PayGPA.com or call 671-475-1472 to connect (up to 5 mobile numbers to your account).
- Text "EMERGENCY" from registered mobile number(s) to 7825-255-9999 for free. *SMS & data rates may apply.

Billing Period	Quantity & Rate	Amount
05/05/2025 - 06/04/2025	Electric Small General Service - Schedule G -	
	Monthly Customer Charge	\$ 14.16
	Energy Charge (P&E \$0.039/KWh)	\$ 64.80
	Energy Charge (Over 500 kWh)	\$ 56.54
	Fuel Recovery Charge (ESAC)	\$ 215.69
	Emergency Water and Wastewater Charge	\$ 3.00
	Self Insurance Charge	\$ 3.00
	Current Period Statement Amount	\$ 391.20

Here's the simple answer:

It helps GPA prepare for the unexpected like typhoon damage to its transmission and distribution infrastructure, like power poles, lines, transformers, and other equipment. Instead of passing big repair costs to customers all at once, this small monthly charge builds an emergency fund.

The self insurance fund is capped at \$20 million, which is set by the Guam Public Utilities Commission.

When storms or accidents damage the power system, GPA uses that fund to cover transmission and distribution-related repair costs like replacing downed lines, damaged substations, or broken equipment so power can be restored faster.

It's peace of mind in every bill. Think of it like a rainy-day savings account for Guam's power grid.

GPA GOVERNANCE & LEADERSHIP

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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View your energy usage at myenergyguam.com

Back to School Tips Turn Lower Rates Into Bigger Savings

With the LEAC lowered this month, your power bill is already seeing a positive change. But the biggest difference comes from what you do next.

As the school year begins, now's the time to build energy-smart habits at home. Whether it's unplugging devices or adjusting your thermostat, small actions can lead to bigger savings.

Check out our tips below and make this school year one of smarter energy use and lower bills.

TIP #1

Unplug Idle Devices

Before school starts, unplug chargers, gaming consoles, tablets and other electronics. Even "off" devices draw power when plugged in.



TIP #2

Use LED Lights

Swapping in LED bulbs gives bright, focused lighting for homework and reduces energy use compared to incandescent bulbs.

TIP #3

Be Fridge Smart

When packing lunches, grab all items at once to reduce fridge door-open time. Every extra opening makes your fridge work harder.



The Guam Power Authority has been serving Guam for 56 years. Contact us to let us know what updates and information we can provide to help you better understand the work we do; or ways we can better serve you. **Email us at:** customersfirst@gpagwa.com or send us a **Direct Message** on our Facebook.

