



GUAM POWER AUTHORITY

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FOR IMMEDIATE RELEASE

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Ukudu Power Plant Testing Resumes Power Status Update

(Fadian, Mangilao) – The Guam Power Authority's (GPA) independent power producer contractor, Guam Ukudu Power (GUP), contracted to build and operate the Ukudu Combined Cycle 198 MW Power Plant has completed the steam turbine rotor repair, with the plant commissioning and testing resuming.

GUP and its contractor, Doosan, completed the repair with urgency, working closely with the manufacturer to ensure proper execution. The repaired rotor arrived on island and was reinstalled ahead of schedule, with system testing officially resuming on Monday, August 18, 2025. The contractor has conveyed to GPA its strong understanding of the importance of bringing the plant online as soon as possible to support energy reliability for the island.

Power Status Update on August 20, 2025 Incident during Pre-Commissioning Testing

- Last night, during peak hours Ukudu gas turbines and steam turbines along with BESS were online for testing providing over 100 MW of energy into the grid. Additionally, baseload units Cabras 1 & 2, Piti 9 along with Aggreko Units were also online providing energy to the grid. Other baseload, diesel and CT units were on stand-by reserve.
- At about 6:11 p.m., the Ukudu units tripped offline which carried over 100 MW of energy, therefore triggering GPA's under-frequency load shedding (UFLS) relay protection system where several feeders are automatically taken offline to avoid blackout of the system and stabilize the grid. Feeders were load shed for a few minutes as we activated stand-by units and began the restoration process. This process avoided an island-wide blackout which will take 4-5 hours to restore should such an event occur.
- At about 6:41 p.m., power was restored to all customers. The outage of several feeders was 23 minutes in total.

As GUP continues testing, GPA notes that brief outages may occur during this phase. These interruptions are part of the careful, step-by-step commissioning process to meet milestones toward bringing the plant online. GPA is providing reserve capacity and has crews on standby to maintain grid stability and restore power quickly should these events occur. This process is essential to the long-term success of Guam's investment in the 25-year build, operate, and transfer agreement for the Ukudu Power Plant.

"GUP is working diligently to meet the commissioning timeline, and we are encouraged by the progress made to date," said John M. Benavente, P.E., General Manager of GPA. "As testing continues, we'll learn more about the schedule ahead, but our priority remains ensuring that this plant is brought online with the performance, safety, and reliability our community deserves. Once completed, the Ukudu Power Plant will provide more cost-effective energy for Guam's homes and businesses," stated GM Benavente.

The Ukudu Power Plant remains central to GPA's long-term strategy to modernize energy generation, reduce dependence on imported fuel, and secure cost savings on a sustained basis for Guam's residents and businesses.

We apologize for any inconvenience this may have caused our customers. GPA will continue to provide updates as testing and commissioning progresses.

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