



GUAM POWER AUTHORITY

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Ukudu Power Plant Delivers Energy to GPA During Commissioning Process

(Fadian, Mangilao) – Guam Ukudu Power (GUP) successfully fired the first of three Ukudu combustion turbine (CT) units on February 12, 2025, marking a significant milestone in the project's development. Ukudu CT Unit 1 is the first turbine among three units which has undergone initial testing, including emergency stop, protection relay, and overspeed trip tests at full speed. **Today, GPA received the first energy production from UKUDU CT Unit 1 synchronized into GPA's power grid at 11:20 a.m. this morning with a load of about 5 megawatts (MW).** GUP plans to gradually increase Ukudu CT Unit 1 load into the island's power grid up to 45 MW over the next two days as part of its initial capacity testing requirements. Ukudu units 2 & 3 will undergo similar testing at the end of February and thru the end of March.

This marks a momentous step toward bringing additional generation capacity to Guam's power grid. This achievement follows over four years of hard work since proceeding with construction of the project, as well as overcoming substantial setbacks, including damages caused by Typhoon Mawar in 2023.

This commissioning stage provides the first opportunity to assess the plant's combustion turbines performance under operating conditions and evaluate its ability to deliver reliable energy to Guam's residents and businesses. *The initial commissioning activity represents a major milestone of this state-of-the-art facility that will deliver 198 MW of cleaner, more efficient energy, reducing fuel imports by over 879,000 barrels annually and is expected to further stabilize and lower energy costs over time.*

For a few days in March, one of the key activities during commissioning involves the steam blowing of the Heat Recovery Steam Generator (HRSG), which utilizes pressurized steam to clean pipelines and boiler components of the generator. Residents and visitors in the areas surrounding the Ukudu Power Plant may hear a high pitch noise during this testing phase. GUP has informed neighboring communities that this process will only occur during the daytime and for short durations.

GPA and GUP appreciate the community's understanding and cooperation as these necessary performance tests are being completed. GUP anticipates the full completion and operational status of the power plant by September 2025.

GPA remains committed to keeping the community informed throughout the Ukudu Power Plant commissioning process. For more information, please visit www.guampowerauthority.com or follow us Facebook and Instagram.

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About the Ukudu Power Plant:

The Ukudu Power Plant is a key component to GPA's long-term Clean Energy Master Plan (CEMP). The CEMP aims to modernize Guam's energy infrastructure to supply residents and businesses with reliable and affordable energy on a sustained basis. The plant is expected to be fully commissioned no later than September 30, 2025.