



GUAM POWER AUTHORITY

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Power System Status Update: GPA Provides Update on Ukudu Steam Turbine

(Fadian, Mangilao) – The Guam Power Authority (GPA) is pleased to share encouraging progress in restoring generation capacity at the Ukudu Power Plant, with the facility's steam turbine now back online and plant cleared for full-load.

The Ukudu steam turbine returned to service on Sunday, August 30, 2026 and began load testing at approximately 20 megawatts (MW). The unit was initially held at that output while operating conditions were monitored and testing continued.

As of Tuesday, September 1, 2026, the Ukudu steam turbine was cleared for full load. The steam turbine achieved a maximum capacity of 69.6 MW and the Ukudu Power Plant was cleared for full operation at 198 MW.

The return of the steam turbine follows after being taken offline on June 23, 2026 to address operating issues on the steam turbine, with a planned return date of July 8, 2026. Upon completion of the repairs, additional issues were identified with the steam turbine spring supports, requiring replacement with special-order components. This extended the outage with a proposed return date of August 28, 2026. Guam Ukudu Power (GUP) completed the necessary preparations for the installation which was then performed with technical oversight from the manufacturer's advisor.

Ukudu's three combustion turbines plus its steam turbine generator in combined-cycle mode, provides a combined 198 MW to the Island Wide Power System (IWPS). The restoration of the Ukudu units is important in strengthening GPA's available generation and reducing fuel consumption.

Beyond Ukudu, GPA continues efforts to perform scheduled maintenance and/or repairs on existing GPA generating units and restore additional generating capacity to strengthen system reserves. Maintaining sufficient reserves is essential to ensuring reliable power service, particularly when unexpected generating-unit outages occur or customer demand increases during periods of hot weather.

The return of the Ukudu steam turbine, together with the ongoing maintenance and repairs across the system to maximize available capacity marks another important step in GPA's efforts to improve system reliability and provide a more stable and resilient power system for Guam.

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