GUAM POWER AUTHORITY
ATURIDÅT ILEKTRESEDÅT GUÅHAN
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FOR IMMEDIATE RELEASE

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Power System Status Update

GPA working to stabilize system, avoid power interruption

(Fadian, Guam) – The Guam Power Authority is providing its customers with the following updates to the generation and power system.

- Baseload unit Cabras 2 returned to service at approximately 6:30 am yesterday morning, but recently tripped due to possible boiler tube leak. GPA and its Performance Management Contract (PMC) partner, TEMES are evaluating and assessing the unit in order to provide the necessary resources to improve reliability of the boiler.
- Macheche Combustion Turbine Unit has returned to service today after emergency repairs completed.
- Dededo Combustion Turbine Unit#1 repairs are ongoing and we anticipate the unit to return to service later today or sometime tomorrow.

GPA has been able to get assistance from large customers (i.e., hotels, GRMC, GIAA, Micronesia Mall, KWTR Radio Station, etc.) participating in the Interruptible Load Program (ILP) and the U.S. Navy. These large customers along with the U.S. Navy voluntarily go off the grid and operate on their standby generators during the periods of time when capacity is less than demand, most especially during our peak hours when demand is highest.

Our Cabras baseload units are about 48 years old and the Piti units are about 24 years old. Emergency repairs are sometimes needed and the units have to be taken offline in a moment's notice to avoid further damage to the machines. Repair work to baseload units are extensive and complex, the unit must cool sufficiently to allow safe entry by generation personnel before repair work can begin.

The aging Cabras baseload units were slated for retirement end of 2024; however, due to typhoon damages incurred during construction of the new Ukudu power plant, the commissioning date has been extended till 2026.

Other non-baseload generation units like the Combustion Turbines have been running longer hours than normal. These units have only been on an abbreviated preventive maintenance schedule to assist with generation shortfalls. These non-baseload generation units need their required preventive maintenance hours in order for the units to run reliably.

The Mangilao and Dandan solar PV facilities contribute to the total energy production during daylight hours, prior to the evening peak demand. Rainy or overcast days reduces the amount of solar energy the system produces for the power grid. Cloud cover has an impact on how much solar energy the system generates.

To maintain grid stability when customer energy demand exceeds total energy capacity, GPA will, **as a last resort**, implement rotating outages lasting up to 1-hour. Power will be reconnected to all affected customers at the top of each hour. The previous schedule issued on September 12, 2023 allow customers to plan accordingly should outages be necessary while these critical generation units are under repair.

Customers are encouraged to conserve power from 5:00 p.m. to 11:00 p.m. Refraining from using unnecessary air conditioning units and turning off electric water heaters immediately before and during the peak demand hours can significantly assist in reducing energy demand and required load shedding.

We thank you for your continued patience and urge the community to follow our social media pages and website for the latest outage information.

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