GUAM POWER AUTHORITY
ATURIDÅT ILEKTRESEDÅT GUÅHAN
P.O.BOX 2977 • HAGÅTÑA, GUAM U.S.A. 96932-2977

FOR IMMEDIATE RELEASE

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FOR MORE INFORMATION
CONTACT: JOYCE SAYAMA
GPA COMMUNICATIONS MANAGER
PHONE NO.: (671) 648-3145

Power System Status Update

GPA continues to work 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.

- At about 4:42 a.m., Saturday morning baseload unit Piti 8 was taken offline for preventative maintenance and replacement of a cylinder liner. Piti 8 is **anticipated to return to service late this evening**. Operators will slowly ramp up the unit, and once stabilize the unit will clear for full load.
- At about 7:30 p.m., Sunday evening Macheche Combustion Turbine (CT) tripped due to high temperature in turbine enclosure. **The repairs to the CT unit were completed and return to service was about 9:39 pm that evening.**
- Piti 7 Combustion Turbine (CT) unit continues to run on limited production. Piti 7 will be taken offline late next week for several days for maintenance, so plant personnel can work on the unit to eventually increase the capacity from 22 MW to 31 MW.
- The 20 MW Yigo Combustion Turbine (CT) generator rotor and other parts that were damaged during Typhoon Mawar, have been shipped off-island for repair. Return to service of the Yigo CT unit is targeted for February 2024.

GPA has about 16MW of energy going in the grid coming from large customers 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. This helps minimize outages to our customers. However, September through November are high energy demand months, coupled with limited capacity, has caused frequent outages these past couple of months. The General Manager has previously mentioned that GPA is vulnerable for the next several months, until repairs are completed to the Yigo 20 MW Combustion Turbine Unit and when GPA secures interim energy capacity. These interim solutions aim to bridge the gap between GPA's current infrastructure challenges and the full operation of the new Ukudu Power Plant.

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 existing October outage schedule was implemented during peak this past weekend to assist with generation shortfall.

Additionally, customers may have experienced outages caused by other than generation shortfall. These include outages caused by down or damaged power lines, auto-pole collision, brown treesnake, vegetation, or transformer issue which are some of the common emergency power outages affecting customers.

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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