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

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

GPA Selected for $21.2 Million Grid Modernization Project

(Fadian, Mangilao) – The Guam Power Authority (GPA) has been selected by the U.S. Department of Energy (DOE) to advance a $21.2 million investment in Guam's electric grid, bringing new federal support to strengthen critical transmission infrastructure in northern Guam.

GPA's Guam Real-Time Intelligence for Transmission (GRIT) project is one of 31 projects nationwide selected to enter award negotiations under DOE's Speed to Power through Accelerated Reconductoring and other Key Advanced Transmission Technology Upgrades (SPARK) initiative.

GRIT will close the northern underground transmission loop—strengthening the grid across Guam's most populated areas. By undergrounding the Harmon-Dededo transmission corridor and deploying advanced grid monitoring and predictive technologies, the project will create a stronger transmission network while giving GPA greater real-time visibility and the ability to make better use of existing system capacity. The project will directly benefit nearly 6,000 customers, with thousands more benefiting indirectly from a more dependable system.

"Guam's energy needs are changing, and our grid has to be ready to meet them. This is a major step forward, and it shows that we have federal support behind our larger mitigation plan to increase resiliency across Guam," said GPA General Manager John M. Benavente, P.E. "The GRIT project allows us to strengthen critical transmission infrastructure while bringing advanced technology into how we operate and manage the grid. As civilian and Department of War energy needs continue to grow, this investment will help us build a stronger, more resilient system that can support Guam well into the future."

GPA's selection begins the award negotiation process with DOE. Federal funding will be obligated only after negotiations are successfully completed and a formal award is executed. The project supports GPA's ongoing efforts to modernize Guam's electric grid, strengthen critical infrastructure, and prepare the system for increasing civilian and defense energy demands.

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