



affordable and resilient energy future. It identifies about \$230M in upgrades and new technology to integrate renewables. Today, all of GPA's power plants have been running on cleaner fuel to comply with the USEPA national emission standards. The conversion to cleaner fuel is part of GPA's Clean Energy Master Plan and satisfies a



In an effort to address these challenges, Guam passed a law in 2019 that requires the island to get 100% of its electricity from renewable sources by 2045. The law is called the Renewable Portfolio Standard (RPS). The RPS sets a goal of 50% renewable energy by 2035 and 100% renewable energy by 2045.



affordable energy has faced challenges, but recent smart investments in solar energy and battery storage will soon deliver the intended direct relief to Guam's families. PUC Approves 2025 Deadline for Ukudu and GPA's \$13.6M Savings Plan for Customers The Public Utilities Commission (PUC) has granted approval for amendments to the Energy

THE FUTURE OF ENERGY STORAGE GUAM



In August 2024, a group of Guam energy stakeholders and government leaders gathered to take another step toward a future in which the U.S. territory transitions to 100% renewable energy by 2045. The stakes are high. Guam is primarily powered by expensive, imported fuel oil.

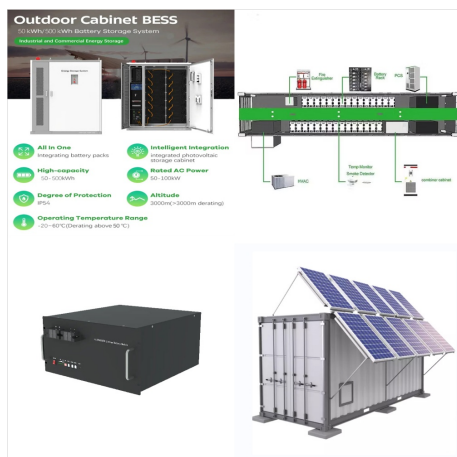


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The Dandan solar farm is critical to diversifying Guam's energy mix and moving away from climate-polluting fossil fuels. To add support, the Guam Power Authority (GPA) formalized the Clean Energy Master Plan (CEMP), a comprehensive plan for transitioning Guam from legacy fossil-fired generation to renewable energy and a nongreenhouse gas

THE FUTURE OF ENERGY STORAGE GUAM



GPA's Clean Energy Master Plan (CEMP) will help shape and prepare the power system for the next generation. CEMP is a comprehensive plan for transitioning Guam from legacy fossil fuel ???red generation to renewable energy and non-greenhouse gas ???



is a comprehensive approach to providing analysis to support the transition to 100% renewable energy that considers future load growth, equity, and affordability as well as enhancing the reliability of Guam's electric grid.



HOW WE'RE TRACKING PROGRESS:

Transitioning Guam's energy from imported fossil fuels to renewable sources, supporting Guam residents to integrate household energy efficiency, and updating Guam's Strategic Energy Plan and Action Plan to map a path towards 100% renewable energy by 2045.

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In the face of tropical storms, rising energy prices, and mandates for power plant retirement, Guam is increasing energy security and resilience while making significant progress on its path to 100% renewable energy.