

The RPS recognizes solar, wind, biomass, wave energy, and ocean thermal energy as acceptable renewable sources to meet the standard. 51,52,53,54 In 2021, renewables accounted for about 6% of Guam's electricity generation. 55

utilization of renewable energy sources to reduce reliance on diesel powered generation. This goal was codified when Guam's legislature passed a Renewable Portfolio Standard (RPS) in 2008 which was updated in 2019, establishing a goal of meeting 50% of net electricity sales from renewables by 2035 and 100% by 2045.

The Guam Power Authority's Clean Energy Master Plan (CEMP) is a comprehensive plan for transitioning Guam from legacy fossil fuel fired generation to renewable energy and non-greenhouse gas emissions electric energy supply. The Clean Energy Master Plan is a living document and is continuously being updated.

The Solar For All program will provide access to renewable energy solutions to Guam's low- and moderate-income households. The program will primarily focus on homeowners who are barred from investing in solar energy due to financial constraints.

This substantial investment will empower low and moderate-income households across Guam with access to renewable energy solutions, marking a significant stride toward sustainability and environmental equity.

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.

GPA's renewable energy initiative is called "Phase IV." Two solar project awards Benavente presented to the Consolidated Commission on Utilities Thursday morning would add 192 MW of power ...

Guam received \$62.4 million in funding from the U.S. Environmental Protection Agency's Solar for All program, which will empower low and moderate-income households across Guam with access to...

With support from the National Renewable Energy Laboratory (NREL), Guam is identifying pathways toward an affordable, technically sound, resilient, and equitable 100% renewable energy future. In the western Pacific Ocean, more than 6,000 miles west of the California coast, is a small island with big energy ambitions: Guam.

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