

The goal of Guam100 is to inform the transformation of Guam's power system to equitable, resilient, and affordable 100% renewable energy while enhancing the reliability of the current grid. Guam100 takes an energy-justice-centered approach to its work that will engage local stakeholders to drive research teams and NREL analysis.

Power officials and project contractors have officially opened the Mangilao solar farm, pushing Guam closer to its goal of becoming 100% powered by renewable energy by 2045. "This new facility is by far the largest power project on Guam," says Jeong Heon Kim, president of Mangilao Solar LLC Guam, which installed 60MW Solar PV Park 1.

Solar energy offers a sustainable, renewable, and abundant power source for the island of Guam. Solar power is mainstream, and with a Federal Tax Credit of 30%, the time is now to invest in a solar system that will lower your power bills, increase the value of your home, and reduce greenhouse gas emissions.

Guam and Micronesia's source for residential and commercial green energy solutions. We design and build high-efficiency, cost effective solar panel systems. Lower your carbon foot print, increase the value of your home or business, and SAVE MONEY!

In early 2009 Pacific Solar & Photovoltaics "flipped the switch" on Guam's first NET Metered photovoltaic system. This first system was in line with the launch of Guam Power Authority's interconnection agreement for renewable energy sources.

Pacific Solar & Photovoltaics will design, supply, and install a renewable energy system to suit your needs. Structurally engineered with materials chosen to withstand the tropic conditions. All products are US made and UL listed.

GoSolar Guam is committed to providing green energy solutions to the people of Guam and Micronesia. We design and build high-efficiency solar panel systems that will lower your carbon foot print, increase the value of your home or business, and save you money.

Use our solar calculator to see what size system you need for your home. Contact us today to schedule a free site inspection to get started on saving you cash in your pocket, switching to clean renewable energy and making our island a greener place one roof at a time!

the 60-megawatt Solar photovoltaic (PV) farm in Mangilao. The 141,000,000 kWh contracted from KMS each year will produce energy for 14,000 residential customers for an entire year. The solar farm is another important step toward reducing Guam's reliance on imported oil, estimated at 300,000 barrels in the first year.

All utility-scale PV systems must include battery energy storage systems to mitigate intermittent power issues and provide stability for the electric grid. The following energy-related challenges are identified by the report authors:

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The first floating PV energy system was installed in the Seoungmun Reservoir (Dangjin-si, Chungcheongnam-do ... Communication, Electricity, Electronics, Energy, System, Signal and ...

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