



Tuvalu power systems technologies ltd

How TEC is powering Tuvalu with renewable resources?

TEC has set a vision of "Powering Tuvalu with Renewable Resources" and this align well with the Tuvalu Government set target of 100% renewable energy by 2025. All the islands of Tuvalu are on 24/7 power supply and the access rate is 100%. The outer islands are powered by hybrid solar PV system with diesel generator on standby.

Does Tuvalu have solar power?

All the islands of Tuvalu are on 24/7 power supply and the access rate is 100%. The outer islands are powered by hybrid solar PV system with diesel generator on standby. For the main island of Funafuti there are some solar PV systems tied to the grid with diesel base load generators.

What was the first large scale solar system in Tuvalu?

The first large scale system in Tuvalu was a 40 kW solar panel installation on the roof of Tuvalu Sports Ground. This grid-connected 40 kW solar system was established in 2008 by the E8 and Japan Government through Kansai Electric Company (Japan) and contributes 1% of electricity production on Funafuti.

How will astae help Tuvalu?

Another major outcome of ASTAE assistance will be smoother and faster implementation of a World Bank project that could save the Tuvalu's government significant resources through avoided petroleum fuel costs. At current fuel prices, a 20 percent reduction in fuel usage represents a cost saving of \$460,000 per year.

How can TEC help Tuvalu move towards a low-emissions future?

Helping Tuvalu move towards a low-emissions future by powering with Renewable Energy. Leadership ensures everything outlined in TEC's plan comes to fruition, that all activity is aligned to the company's strategic pillars and that the company is on track to achieve its goals.

ABOUT US: Our company, Power Systems Technology Limited was incorporated in Nigeria in 1996 as a limited liability company after several years of operation as a registered enterprise. It is a wholly indigenous company owned by Nigerians with high integrity who have at different times and in different capacities executed jobs for several organizations satisfactorily in the areas of ...

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Funafuti, Tuvalu: The installation of Tuvalu's inaugural 100.8kW Floating Solar Photovoltaic (FSPV) system has been successfully completed, with this cutting-edge system seeing 184 solar panels positioned on Tafua Pond in ...

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