## SOLAR PRO.

### Tuvalu rooftop solar systems

What is the Tuvalu solar power project?

The Government of Tuvalu worked with the e8 group to develop the Tuvalu Solar Power Project, which is a 40 kW grid-connected solar systemthat is intended to provide about 5% of Funafuti 's peak demand, and 3% of the Tuvalu Electricity Corporation's annual household consumption.

#### How much energy does Tuvalu use a year?

Like many Small Island Developing States (SIDS), Tuvalu has been heavily reliant on imported fuel for its diesel-based power generation system. Through this new FSPV system 174.2 megawatts per hour of electricity will be generated each year, meeting two percent of Funafuti's annual energy demand.

#### What is Tuvalu doing with the ADB?

Tuvalu,an island country midway between Hawaii and Australia,has commissioned a new solar and storage projectwith the ADB,featuring a 500 kW on-grid solar rooftop array and a 2 MWh BESS in the capital,Funafuti. "The project is under the Pacific Renewable Energy Investment Facility and has a \$6 million support.

#### What is ADB's new solar project in Tuvalu?

"The project is under the Pacific Renewable Energy Investment Facility and has a \$6 million support. It is ADB's first for Tuvalu's energy sector," the ADB said in a statement. "The project also installed solar PV in the outer islands of Nui, Nukufetau, and Nukulaelae."

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