



# Tonga Al Nasr Solar for Solar Energy

What is solar power in Tonga?

The solar PV system is part of a 1.25 MW portfolio, where power will be sold to the island's villagers through pre-paid net metering. The Asian Development Bank, with the help of other institutions, is supporting the deployment of solar on the Pacific Ocean's small island nations. Tonga has a goal of 50% renewable energy by 2020 and 70% by 2030.

How does the Tonga solar plant work?

Once operational, the solar plant will sell its electricity to Tonga's power utility, Tonga Power Limited (TLP), through a subsidized tariff, which is assessed by the ADB for each project. The island's citizens purchase the electricity through prepaid metering.

What is the largest solar power project in the South Pacific?

It is reportedly the largest solar power project in the South Pacific, replacing 18% of current diesel-fueled power with solar energy on the Tongatapu island. This solar project was completed under the partnership between Sunergise New Zealand Limited and Tonga Power Limited with support from the Asian Development Bank (ADB).

Who are Sunergise New Zealand & Tonga Power Limited?

This solar project was completed under the partnership between Sunergise New Zealand Limited and Tonga Power Limited with support from the Asian Development Bank (ADB). Sunergise led the construction and meanwhile united local Tongan civil, mechanical and electrical sub-contractors to the team.

Does Al-Nasr offer off-grid solar?

At Al-Nasr Solar for Energy Solutions, we offer off-grid solar systems designed to provide complete energy independence for locations that are not connected to the main power grid.

What does Sunergise's 6MW solar system mean for Tonga?

As Hu'akavameiliku, Prime Minister of Tonga said at the ceremony: "The successful completion of the Sunergise's 6MW Independent Power Producers solar generation system today, demonstrates the major role renewable energy independent power producers play towards achieving our 70% target by [the]end of [the]year 2025."

Tonga Power Limited (TPL) signed the power purchase agreement with Sunergise New Zealand Limited (Sunergise), which will finance, build, and operate the 6-megawatt solar farm on Tongatapu and sell the electricity generated to TPL for 25 years.

Solar power has emerged as a particularly viable renewable energy source in Tonga, thanks to its sun-soaked climate and mostly flat landscape. The Tongan government has taken initiative by endorsing solar power



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development and ...

Tonga is leading the way in renewable energy, with the launch of the largest solar farm in the South Pacific - powering over 10,000 homes for the last four months.

Tonga's most remote island, Niuatoputapu, is all set for the development of a new solar mini grid. The King of Tonga, Tupou VI, led a groundbreaking ceremony for the solar PV array which...

The largest solar plant in the south Pacific will be built in Tonga through the country's second commercially financed public-private partnership after an agreement was signed in Nuku'alofa today.

Al-Nasr Solar has implemented hundreds of solar energy projects of various types, including Off-Grid, On-Grid, and Hybrid systems, across most Yemeni governorates in residential, commercial, governmental, service, agricultural, and industrial sectors.

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OIREP, a multi-donor project led by the Asian Development Bank and co-financed by the Australian Government, European Union and Green Climate Fund is helping Tonga reduce its dependence on imported fossil fuels for power generation by constructing solar power plants on outer islands.

The Outer Island Renewable Energy Project is funding solar-powered systems on "Eua, Vava"u and Lifuka in Ha"apai, along with four outer islands in the Ha"apai group, as well as on Niuatoputapu and Niuafu"ou islands.



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