



# Kemot solar Tonga

What is a solar farm & how can it help Tonga?

Producing energy since August this year, and providing power for up to 10,336 households, the Solar Farm is helping The Government of Tonga pursue its National Energy Roadmap plans to see up to 70% of Tongatapu's electricity generation sourced from renewables by the end of 2025.

Does Tongatapu need a solar power plant?

Tongan Prime Minister Hu'akavameiliku Siaosi Sovaleni, who was also at the launch, said the plant indicates the need for independent power - like solar energy - to achieve their National Energy Roadmap. There is an aim to have up to 70 per cent renewable energy use in Tongatapu by the end of 2025.

Why is Tongan King Tupou VI opening a solar power plant?

Tongan King Tupou VI at the official opening of the biggest solar power plant in the South Pacific. Photo /Sunergise Tongan Prime Minister Hu'akavameiliku Siaosi Sovaleni, who was also at the launch, said the plant indicates the need for independent power - like solar energy - to achieve their National Energy Roadmap.

What is Sunergise Tongatapu solar farm?

The Sunergise Tongatapu Solar Farm is the largest in the South Pacific. It was built as part of a power purchase agreement between Sunergise New Zealand Limited, a Todd Corporation solar company and Tonga Power Limited, with support from the Asian Development Bank.

Who is Tongan King Tupou VI?

Tongan King Tupou VI was among the dignitaries who celebrated the official launching of the solar farm on the country's main island - Tongatapu - this week. Kiwi company Sunergise NZ Ltd worked alongside Tonga Power Ltd to implement the 6 megawatt solar power plant as part of a power purchase agreement, with support from the Asian Development Bank.

Which country has the largest solar farm in the South Pacific?

Photo /Sunergise Tongais 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. Tongan King Tupou VI was among the dignitaries who celebrated the official launching of the solar farm on the country's main island - Tongatapu - this week.

Comprising three interconnected 2.3MWp ground mounted solar arrays in western Tongatapu, the construction phase successfully met the extreme challenges presented by the 2022 Hunga Tonga-Hunga Ha'apai ...

As the world transitions from fossil fuels to cleaner and safer energy sources, Tonga is at the forefront of the movement in the Pacific. PCREEE and TNQAB are collaborating on a groundbreaking initiative with the



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Pacific Community's (SPC) Educational Quality and Assessment Programme (EQAP) to develop a regional qualification on E-mobility.

"Ohonua, "Eua Tonga (02nd March 2023) -- Tonga Power Limited (TPL) has commissioned a new solar and battery energy storage system in Eua, Tonga, with the financial support of the Government of Australia and the Asian Development Bank. The system includes a 350kW solar plant and a 1003kW/1856kWh battery energy storage system, which will ...

Comprising three interconnected 2.3MWp ground mounted solar arrays in western Tongatapu, the construction phase successfully met the extreme challenges presented by the 2022 Hunga Tonga-Hunga Ha"apai volcanic eruption and resulting tsunami, as well as the COVID-19 pandemic.

The system includes a 300kW solar plant and a 2 Mega-watt hour battery energy storage system, which will enable TPL to integrate renewable energy into its electricity grid and provide reliable power to customers.

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 development and implementing a net metering policy.

The system includes a 350kW solar plant and a 1003kW/1856kWh battery energy storage system, which will enable TPL to integrate renewable energy into its electricity grid and provide reliable power to customers. Her Excellency Rachael Moore, the Australian High Commissioner to the Kingdom of Tonga, was present as the guest of honour at the event.

Our main source of renewable energy is currently from solar generation and wind generation, but we are also looking into other renewable energy sources that are reliable and sustainable here in Tonga.

The new solar farm is expected to begin operations by April 2020. To achieve its goal of 50% renewable energy by 2020 and 70% by 2030, Tonga is also developing wind and biomass generation sources, and will integrate these with multiple units of battery energy storage.

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...



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