

Tonga exports solar power to households

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.

How many people have access to electricity in Tonga?

This means that little more than 30,000 people are spread across 35 islands, presenting acute issues in terms of the provision of modern infrastructure. At OIREP commencement, the ADB estimated that 89% of all households across Tonga had access to electricity.

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.

How much does electricity cost in Tonga?

According to UK-based aggregate website Cable, Tonga's electricity is the 13th most expensive in the world, at an average cost of USD 0.35 per kilowatt hour (kWh).

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Tonga Energy Background Current energy grids: Tongatapu, Vava'u, Ha'apai, Eua, and Niua Toputapu (recently turned to solar): powered by diesel generators Solo provider: Tonga Power ...

Kingdom of Tonga Celebrates Major Milestone Towards Renewable Energy Target with Commissioning of "Eua island 350kW Solar System and BESS (Tonga Renewable Energy Project) ...

The Tonga Renewable Energy Project (TREP) has brought electricity to every home on "O'ua Island, Ha'apai--including all households led by women. In May 2025, a final review team ...

The electricity grids on seven of the outer islands that are involved in the overall Outer Island Renewable Energy Project (OIREP) are currently powered by diesel generators. On Niua, ...

The study revealed that while households and businesses are generally aware of solar technologies, they lack a deeper understanding of them and the associated installation, maintenance ...

The second component of the project is on the provision of solar powered deep freezers. It is anticipated that 22 remote islands of Tongatapu, Ha'apai and Vava'u, consisting of 538 remote ...

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OIREP's focus was installation of solar energy capabilities to nine outer islands of Tonga, with the aim of increasing the reliability, efficiency and affordability of power on these islands.

Tonga is making tangible progress toward its renewable energy targets with the rollout of solar-powered mini-grid systems across its outer islands, in a bold move to reduce its dependence ...

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