



# Palau Solar Power Plant System

How will solar energy be produced in Palau?

Solar electricity will be produced by a hybrid 15.3 MWdc (13.2 MWac) solar photovoltaic (PV) plus 10.2 MWac/12.9 MWh battery energy storage system facility. Extensive safeguards to protect Palau's pristine environment SPEC did not leave any stone unturned to protect the pristine Palau ecosystem.

What is the Palau solar battery project?

The Palau Solar Battery Project will be the largest such project in the Western Pacific. It will lessen Palau's imported fuel dependency, a major step towards its ambitious goal of 100%.

What will Palau's solar PV project do?

The project, which is also Palau's first grid-scale solar PV plant, will contribute significantly to the country's nationally self-determined contribution to meeting global climate targets as agreed in the Paris Accord. These include reaching 35% renewable energy, and reducing energy sector emissions to 22% below 2005 levels, by 2025.

Does Palau rely on fossil fuels?

As a small island developing state, the Republic of Palau sought to wean itself off its dependence on fossil fuel for power, which accounts for 99.7% of the country's power generation. To address this issue, Palau invited Solar Pacific Energy Corporation (SPEC), Alternergy's solar developer, to develop a clean, renewable energy source.

The solar farm, inaugurated in 2023, plays a key role in Palau's energy strategy and broader regional efforts to reduce carbon emissions. Australia's new funding aims to ensure the ...

Alternergy Holdings Corp. and its subsidiary Solar Pacific Energy Corporation have inaugurated Palau's first solar PV + battery energy storage system (BESS) project, marking a significant milestone in the ...

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The Pacific island country of Palau has welcomed the commissioning of its first large-scale solar-plus-storage project, representing the largest power plant of its kind in the Western ...

“From backing Palau's first large-scale solar power plant and battery storage facility to upgrading Palau's energy grid, Australia's investment in Palau's energy transition is an investment in ...

With a capacity of 15.3 MWp solar PV and 12.9 MWh BESS, the project is claimed as the largest of its kind in the Western Pacific region, also making it one of the most significant foreign ...



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The facility contributes to reducing Palau's energy sector emissions in line with its self-determined commitment Solar power plant, of 22 per cent below 2005 levels by 2025, as well as its ...

The Solar Power Development Project will finance (i) a grid-connected solar power plant with a capacity of 6 megawatts (MW) of alternating current; and (ii) a 2.5-megawatt-hour, 5 MW ...

Renewable power pioneer Alternergy Holdings Corp. (Alternergy) and its subsidiary Solar Pacific Energy Corporation (Solar Pacific) inaugurated the Republic of Palau's first solar PV + battery energy ...

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