

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 is solar-plus-storage in Palau?

Palau celebrated the inauguration of its ground-breaking solar-plus-storage project, marking a significant milestone in the region. Developed by Solar Pacific Energy Corporation (SPEC), a subsidiary of Altenergy, the project represents the largest power plant of its kind in the Western Pacific.

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.

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.

Will a new power plant revolutionise Palau's energy landscape?

With an investment of \$US29 million, the installation is poised to revolutionise Palau's energy landscape, meeting more than 25 per cent of the country's electricity demands. Situated in Ngatpang state on Babeldoab, Palau's largest island, the project connects to the central grid, enabling the distribution of clean power throughout the archipelago.

What is Babeldaob & how will it impact Palau?

Located on Palau's largest island, Babeldaob, the project is expected to generate 20 per cent of Palau's energy needs by replacing diesel with renewable energy. It will play a key role in Palau's efforts to meet its renewable energy targets by 2025 and be one of the largest hybrid facilities of its kind in the Pacific.





Solar Pacific Pristine Power has worked closely with local stakeholders and biodiversity experts to preserve this unique ecology, ensuring all environmental requirements are met and mitigating any risks that the solar and battery facility would damage the surrounding pristine environment.



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20 per cent of Palau's energy needs, reducing Palau's energy sector emissions in line with its self-determined commitment of 22 per cent below 2005 levels by 2025.3 The solar and battery facility will also contribute considerably to Palau's efforts to meet its targets of 45 per cent renewable energy, and 35 per cent energy efficiency by





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 Pacific region.



A proven track record: Building on the success of Palau Solar, we have a history of reliable, efficient installations and working with organisations such as the Asian Development Bank to deliver cost-effective renewable energy projects in the region.



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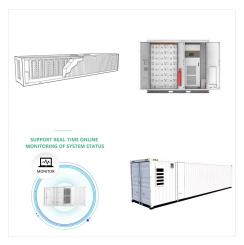




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Palau Solar is a subsidiary of Utilligence, created to design, supply and install domestic solar power throughout the archipelago of the islands of Palau. Through a project with the Asian Development Bank, Palau Solar is transforming the islands with renewable energy.



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 storage system (BESS) ???





The project, with a capacity of 15.3 MWp (megawatt peak) solar PV and 12.9 MWh (megawatt hour)

Bess, is one of the biggest foreign direct investments in the country with a total project cost of US\$29 million.



MW of power generation and distribution capacity, the Armonia microgrid will enable Palau to meet its 45%-by-2025 renewable energy goal five years ahead of schedule, as well as offer electricity at the lowest rates in Palau's history, according to the project partners.



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