

# Palau industrial power solution





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### Palau's first major step in the Transition to Renewable Energy, the

oPalau has committed renewable energy targets (RETs), driven by the nation's reliance on high-cost diesel generation and strong environmental principles. oThe supply of affordable and clean renewable energy development is fundamental to achieve Palau's goals.

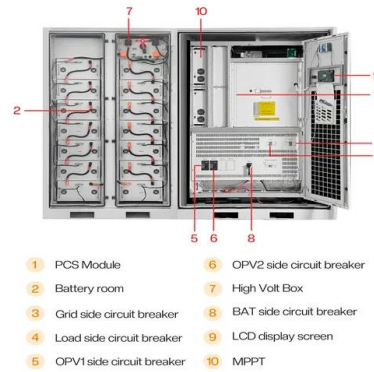


### A Powerful Partnership Transforming Palau's Energy Future

o Reliable on- site renewable power generation o Energy independence 85% of Palau's power is generated by inefficient, expensive, dirty diesel

### Pacific Island Renewables

Pacific Island Renewables brings renewable energy solutions to businesses across Micronesia and the wider Pacific archipelago. Our parent company, Utiligence, was established in 2013 ...



### Republic of Palau: Renewable Energy Roadmap 2022 ...

Four specific scenarios for achieving the 100% target for Palau's power sector have been analysed. The most cost-effective scenario observed involves green hydrogen production from solar PV and wind, in ...



fuel. The Republic is committed to transitioning to clean, resilient power sources. PALAU GOALS BY 2025: 22% greenhouse gas emission reduction below 2005 levels 45% energy generated from renewable



### Alternergy And Solar Pacific Inaugurate Palau's Largest ...

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) ...



### TEPCO, Palau ink renewable energy technical cooperation

Tokyo Electric Power Company Holdings, Inc. and the Palau government have partnered to share expertise in renewable energy. In a statement, TEPCO said the agreement was signed with Palau's Ministry of Finance, Ministry of Public Infrastructure and Industries, and Palau Public Utilities Corporation.



### Building Palau's first utility-scale solar power plant

Located on Palau's largest island, Babeldaob, the project comprised of a 15.28-megawatt peak capacity solar photovoltaic facility and a 12.9-megawatt hour battery energy storage system. With construction completed in 2023, it's among the largest hybrid facilities of its kind in the Pacific. The plant enables Palau to generate





## Pacific Island Renewables

Pacific Island Renewables brings renewable energy solutions to businesses across Micronesia and the wider Pacific archipelago. Our parent company, Utiligence, was established in 2013 and has worked on flagship renewable projects worldwide. In fact, the company has made over 400 solar connections to date, making them a major player in the



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## Alternergy And Solar Pacific Inaugurate Palau's Largest Solar PV

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) project and the largest to date in the Western Pacific region.



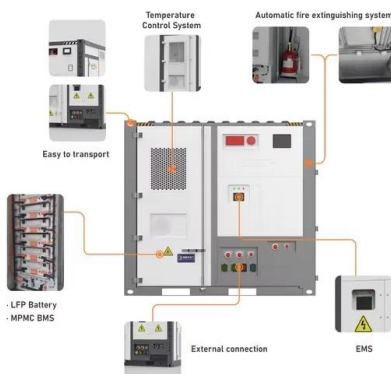
## Republic of Palau: Renewable Energy Roadmap 2022-2050

Four specific scenarios for achieving the 100% target for Palau's power sector have been analysed. The most cost-effective scenario observed involves green hydrogen production from solar PV and wind, in addition to full EV deployment.



### Power plant profile: Babeldaob Solar PV Park, Palau

Babeldaob Solar PV Park is a 15.28MW solar PV power project. It is located in Melekeok, Palau. According to GlobalData, who tracks and profiles over 170,000 power plants ...



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Deye inverters and Deye batteries are more compatible.



### Energy Snapshot

This profile provides a snapshot of the energy landscape of Palau, an independent island nation geographically located in the Micronesia region. Over 97% of the island's electricity production is dependent on imported fossil fuels, primarily diesel.

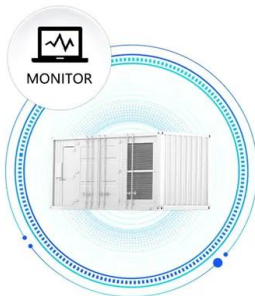


### REPUBLIC OF PALAU

The analysis performed in this study charts the way to net zero by 2050 for Palau's power and transport sectors, looking in detail at several options for a least-cost, fully decarbonised power system. To achieve such an ambitious target - and with Palau's current power system still dominated by fossil fuel generation



SUPPORT REAL-TIME ONLINE MONITORING OF SYSTEM STATUS



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