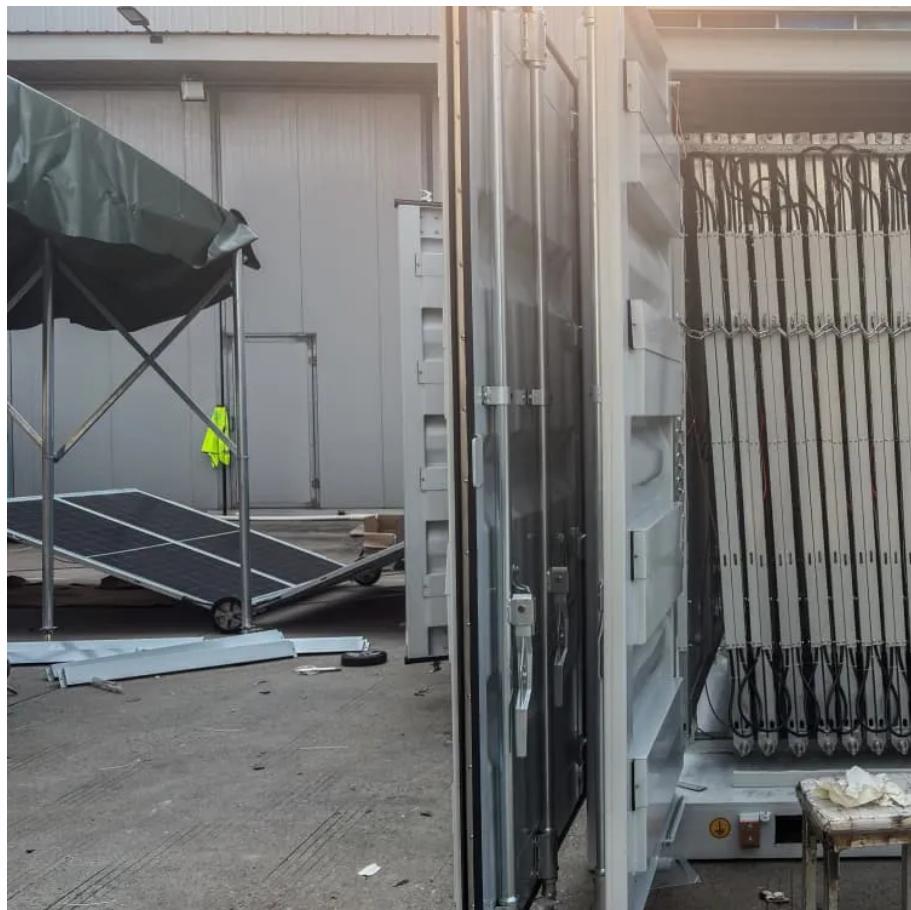




**BUHLE POWER**

# **Micronesia solar Module Project**





## Overview

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What is the solar project in Pohnpei?

The solar project in Pohnpei is a concept that can be replicated by other Small Island Developing States. It is proof positive that PEPP has the imagination to visualize the needs of Pacific Island societies and the technological and broad social understanding to bring that vision to reality.

What is a solar project in Kosrae?

The project will also include a hybrid PV-diesel mini-grid and solar-home-systems in Walung village, a remote part of Kosrae island. Investments in Walung will include 60 kW of PV, a 30 kW diesel generator, a 30kW/160kWh BESS, and multiple 2.5 kW/4kWh solar home systems.

Will Pohnpei get a 5 MW solar power farm?

PEPP's proposed \$20 million 5 MW solar power farm for Pohnpei would help to establish the Federated States of Micronesia as a world trendsetter in the application of renewable energy. It would give the FSM greater energy independence.

Is Chuuk power utility a part of a solar project?

Investments in Chuuk Power Utility Corporation are included in a separate program. 7. The project in Kosrae includes 1.15 megawatt (MW) of ground-mount and roof-top solar photovoltaic (PV) on KUA's main grid. This will be integrated with a World Bank-financed battery energy storage system (BESS) that is also being planned for KUA's main grid.



## Micronesia solar Module Project



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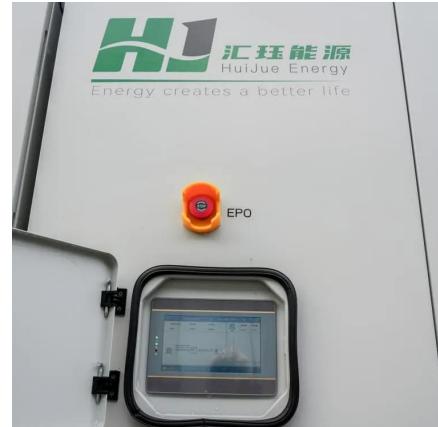
### [Micronesian utility seeking bids for 79 kW of solar minigrids, ...](#)

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#### [Micronesia Photovoltaic Energy Storage Project](#)

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#### [Pohnlangas Solar Farm](#)

The objective of the 600 kWp Pohnpei solar PV project is to introduce diversity to the island's energy mix as well as provide additional energy to fuel the country's growth. VERGNET, as a ...



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## [Federated States of Micronesia: Renewable Energy ...](#)

Feb 5, 2023 · The Project outputs are: Solar PV and mini-grid in Kosrae installed 1.15 MWp solar photovoltaic installed in the Kosrae power system; Electrification of Walung Village, Kosrae

...



## **PEPP**

The photovoltaic panels at the heart of PEPP's solar power project design come with 25-year warranties. PEPP's proposed project would pay for itself in just 15 years' time, leaving 10 years

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