

Micronesia Independent Energy Storage Project





Overview

Nestled in the Federated States of Micronesia, this \$220 million initiative isn't just about storing electrons—it's about rewriting the rules of energy independence for tropical communities. What projects are being invested in YSPSC & Kosrae?

Project investments will include solar photovoltaic (PV) and mini-grid investments for Kosrae Utilities Authority (KUA) in Kosrae, and (ii) PV and a battery energy storage system (BESS) for Yap State Public Services Corporation (YSPSC) in Yap. The scope of investments and estimated associated costs for each State are presented in Table 1.

What is the Federated States of Micronesia (FSM)?

The Federated States of Micronesia (FSM) consists of the Government of FSM (GoFSM) and the four states of Chuuk, Kosrae, Pohnpei, and Yap.

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.



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ENERGY PROFILE Micronesia (Federated States of)

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by ...

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SunContainer Innovations - Summary: The Micronesia Energy Storage Power Station is a critical infrastructure project supporting renewable energy adoption in Pacific Island nations. This ...

Pacific Energy Update 2019

Sep 15, 2020 · The project will contribute to a 26% renewable energy grid penetration rate in South Tarawa, and make it possible to introduce additional renewable energy generation units ...

Battery Energy Storage System (BESS) Development in ...

Jan 23, 2025 · Acknowledgement This report, Battery Energy Storage System (BESS) Development in Pacific Island Countries (PICs), has been prepared by Coalition for Our ...

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