



Micronesia energy storage for backup power

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PALIKIR, March 21st 2023 (FSMIS)--On March 20th, 2023, His Excellency David W. Panuelo--President of the Federated States of Micronesia (FSM)--attended the groundbreaking ceremony for the FSM Sustainable Energy Development & Access Project's (SEDAP's) three new generators at the Nahnpohnmal Power Plant in Pohnpei State. Funded by the World Bank, SEDAP is one of the central components of the first phase of the FSM's Energy Master Plan.

In other words, the program seeks to ensure that the State has reliable and efficient diesel generators that will be able to back up and work in sync with current efforts by Pohnpei Utilities Corporation to bolster and expand renewable energy inputs to the grid, including both solar-power and hydro-power, along with increased battery energy storage systems in the coming months and years.

SEDAP itself is a \$30 million (\$30,000,000) program of work that also includes a new generator for Yap State Public Service Corporation; an additional one (1) MegaWatt of battery energy storage systems for Kosrae Utilities Authority; and renewable energy minigrids for the State of Chuuk and Chuuk Public Utilities Corporation.

During his remarks, President Panuelo gave appreciation and congratulations to His Majesty Nahnpwutak Pikeniap, Nahnmwarki of Sokehs; Degi Young, the Resident Representative of the World Bank for the North Pacific; the Honorable Reed B. Oliver, Governor of Pohnpei State; the Honorable Marvin T. Yamaguchi, Speaker of Pohnpei Legislature; Mr. Nixon Anson, CEO of Pohnpei Utilities Corporation; and Mr. Erick Paul, Chair of the Board of Pohnpei Utilities Corporation.

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The first of two lots in the tender concerns an 800 kW/800 kWh storage system to be connected to a power station owned by the Yap State Public Service Corporation utility plus a 300 kW rooftop solar system and a 1.6 MW ground-mounted solar plant, all on the island of Yap.

The second project, on the island of Kosrae, involves 1 MW of ground-mounted and rooftop solar capacity and a 60 kW, solar-based minigrid coupled with 30 kW/160 kWh of storage.

The FSM had 2 MW of installed solar capacity by the end of the year, according to International Renewable



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Energy Agency figures, among a total generation capacity of 18 MW.

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