

# Bonaire Sint Eustatius and Saba special solar battery

How will solar power and battery energy storage help Bonaire?

The addition of solar power and additional battery energy storage capacity will complement and add to the benefits of wind power generation and energy storage on Bonaire, further improving grid efficiency and resilience, lowering costs and reducing GHG emissions further, Narminio pointed out.

Does Bonaire have a smart energy storage system?

Grid power and electricity service on the Caribbean island of Bonaire has improved substantially as a result of the addition of a new, smart, battery-based energy storage system (BESS) to its hybrid wind-dual-fuel engine-based power grid.

Are Bonaire and Sint-Eustatius honoured?

Late last week, the good news was received that the project proposals of Bonaire, Sint-Eustatius and Saba were honoured. They are the only islands in the Caribbean whose proposals made it through the selection.

Can Bonaire 'green' its energy mix?

Known as a Caribbean mecca of sorts for SCUBA divers and marine life in the Caribbean, Bonaire's government has been keen to "green" its energy mix and help stem the rising tide of greenhouse gas (GHG) emissions, global mean temperature and sea levels.

Is Bonaire regulated?

An overseas territory of the Netherlands, Bonaire's electricity market is strictly regulated by government authorities. Any type of grid investment needs their approval, Narminio explained. "Bonaire wants to see [electricity] tariffs go down.

Will Contour Global add 8 MW solar power to Bonaire's grid?

Bonaire's grid regulator has approved Contour Global's plan to add 8 MW of solar power capacity to the island's grid. The IPP is in the process of finalizing the EPC contract at present with an eye towards completing the project by next March or April, Narminio said.

**Solar PV:** Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity (kWh/kWp/yr). The bar chart shows the proportion of a country's land area in each of these classes and the global distribution of land area across the classes (for comparison).

According to tender documents, the Saba Renewable Energy Project Phase III will include a 4 MW solar plant, a 0.5 MW wind farm, and a 15 MWh battery energy storage system on the island in the...

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