

Does Bonaire have solar?

Caribbean island Bonaire is adding a 6 megawatt energy storage system to help balance its solar and wind assets with backup diesel generators, opening up the potential for greater renewable penetration. Additional solar will expand on the 2015 pilot project that included close to 800 solar panels.

How much does energy cost in Bonaire?

This profile provides a snapshot of the energy landscape of Bonaire, a special municipality of the Kingdom of the Netherlands located on the coast of Venezuela. Bonaire's utility rates are approximately \$0.35 per kilowatt-hour (kWh), above the Caribbean regional average of \$0.33/kWh.

Is Bonaire a 100% renewable Island?

Bonaire set a goal of 100% renewables in 2004 after a fire destroyed the main diesel generator on the island in 2004. The wind generators added afterwards helped drive the cost of electricity in Bonaire down from \$0.50 per kilowatt-hour to \$0.22 per kWh, according to the World Bank.

Does Bonaire have a regulated electricity sector?

In recent years, the Ministry of Economic Affairs in the Netherlands has been active in reforming the regulation of the electricity sector in Bonaire, both in terms of utility regulation and expanding generator access.<sup>13</sup>

Does Bonaire have a wind turbine?

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Will Bonaire have a blue economy?

Bonaire Aims to Have a Blue Economy. Credit World Bank Bonaire, part of the Netherlands Antilles, will soon

# TYPE OF BATTERIES FOR SOLAR PANELS BONAIRE SINT EUSTATIUS AND SABA



have a renewable portfolio of 11 MW of wind,6 MW of new energy storage,a pre-existing 3 MW battery bank,and the small solar pilot.



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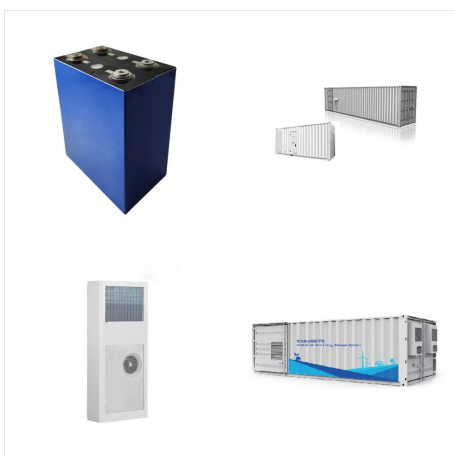
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Maximise annual solar PV output in Kralendijk, Bonaire, Sint Eustatius, and Saba, by tilting solar panels 11degrees South. Kralendijk, Bonaire, located in the Caribbean Netherlands, presents an excellent location for solar

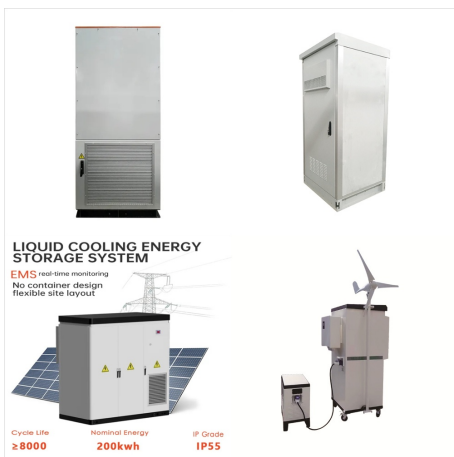


Energy Snapshot Bonaire This profile provides a snapshot of the energy landscape of Bonaire, a special municipality of the Kingdom of the Netherlands located off the coast of Venezuela. Bonaire's utility rates are approximately \$0.35 per kilowatt-hour (kWh), above the Caribbean regional average of \$0.33/kWh. Bonaire is a leader

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The energy storage system will enable Bonaire, part of the Netherlands Antilles, to increase its use of renewable energy such as wind and solar. In order to integrate more renewable energy and its intermittent nature, the Wartsila energy storage solution will provide the grid stability and reliability required for the island.