

## **Large scale lithium ion battery storage Bonaire Sint Eustatius and Saba**

large-scale production of biodiesel on the island is expected to take significant time and effort.<sup>14</sup> The last component of the upgraded generation system is a 3-MW energy storage system, built by Saft using their nickel-cadmium battery technology.<sup>16</sup> The battery is anticipated to smooth power fluctuations from the wind energy system and

Previously consisting of an integrated mix of wind power and diesel totalling 24 MW, the Bonaire power plant has now been equipped with 6-MW/6-MWh of lithium-ion batteries, a digital power management system and newly expanded dual-fuel engines.

Bonaire, Sint-Eustatius and Saba are in the selected group of 30 islands that have been chosen by the European Union (EU) to take part in the "30 for 2030" project. The islands, which were selected after an extensive selection process, can count on intensive support from the EU to realise their ambition to have fully sustainable energy ...

The Dutch Ministry of economic affairs and climate (EZK) has announced that a 4.1 MW solar park has been commissioned on the island of Sint Eustatius, in the Caribbean Netherlands.

Bonaire has added a new smart and battery-based energy storage system (BESS) to its power grid. Contour Global worked closely with engineering, procurement and construction contractor W&A; and its US-based Greensmith Energy subsidiary. The latter specializes in distributed battery energy storage system and development and integration.

Finnish technology group Wartsila Corp (HEL:WRT1V) has won a contract to build a 6-MW energy storage facility on the Caribbean island of Bonaire for a unit of ContourGlobal Plc (LON:GLO).

The PV farm on the island of St. Eustatius, which includes one of the largest lithium battery storage systems, went into operation in March 2016. Thanks to the SMA Fuel Save Controller, the island is now saving 800,000 liters of diesel a year.

The Caribbean island of Bonaire - Battery Energy Storage System is a 6,000kW energy storage project located in Bonaire, Netherlands. Free Report Battery energy storage will be the key to energy transition - find out how

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 .

## **Large scale lithium ion battery storage Bonaire Sint Eustatius and Saba**

Bonaire, Sint-Eustatius, and Saba are in the selected group of 30 islands chosen by the European Union (EU) to participate in the "30 for 2030" project. The islands, which were selected after an extensive selection process, can count on intensive support from the EU to realize their ambition to have fully sustainable energy facilities by 2030.

Web: <https://www.gennergyps.co.za>