Octopus energy battery storage St Vincent and Grenadines

The Commissioning of the Union Island Solar PV and Battery Energy Storage System on Monday 25th March 2019 has been hailed as a significant milestone in the energy sector of Saint Vincent and the Grenadines.

Located on Union Island, the 600kW solar PV plant is connected to a 637 kilowatt-hour (kWh) lithium-ion battery, extending its generating capacity to supply all of Union Island"s daytime power requirements. The project represents Masdar"s first fully implemented grid-connected battery energy storage system.

Installed in 2018 by Octopus Energy and Downing LLP, the groundbreaking Arsenal battery can stop as much carbon going into the atmosphere as would be emitted by 2,700 homes over the course of a match.

The most recent projects are a 580kW PV and battery energy storage system on Union Island, which was commissioned in 2019, and a 100kW solar microgrid on Mayreau island, which was commissioned in February 2020.

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Optional battery storage. Optimise your solar system and store excess energy for later. With a battery you"ll get access to Octopus smart tariffs that maximise savings, and can even eliminate electricity bills.

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Straight forward heat pump, solar, battery and EV charger installation by Octopus Energy experts you can trust. Straight forward heat pump, solar, battery and EV charger installation by experts ...

The EPC contract was signed in late December between St. Vincent and the Grenadines utility, VINLEC, and Curacao solar energy firm, EcoEnergy, N.V. for the utility"s first solar battery storage microgrid.

The DHYBRID Universal Power Platform is taking care of the battery charging and discharging in combination with the total 1.5 MW solar system on the island as well as starting and stopping of diesel generators, whenever needed.

This Microgrid Project will make Mayreau the first of the four Grenadine islands served by VINLEC to utilize a high penetration of renewable energy. The Microgrid Project will consist of 150-200 kW of solar PV, along with 100-250 kWh of battery storage.

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