

In continuation with the extension of Mustique's solar road map on the private island in St. Vincent & The Grenadines", DHYBRID integrated a 500 kW/1000 kWh Tesla battery system into the existing renewable energy installation.

The proposed project aims to construct a new, modern power plant in Bequia with the inclusion of a 1300 kW Battery Energy Storage System (BESS) to enhance grid stability and improve the integration of supplementary renewable energy sources.

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**ENERGY PERFORMANCE STANDARDS/APPLIANCE LABELLING** St. Vincent and the Grenadines voluntarily adopts international label standards. A local standard has not been established [7] National Determined Contributions (NDC) 60% by 2025. 3[10] 1. The energy data presented represents the islands of St. Vincent, Bequia, Union Island, Mayreau and Canouan. 2.

This is the Energy Report Card (ERC) for 2022 for St. Vincent and the Grenadines. The ERC provides an overview of the energy sector performance, highlighting the following areas: o Installed Conventional and Renewable Power Generation Capacity

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.

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