



# St Kitts and Nevis storage of lithium batteries

The 35.6 MW solar energy plant and 44.2 MWh battery storage facility will be built on government provided land in the Basseterre Valley, adjacent to the City of Basseterre and the current SKELEC PowerStation on the island of St. Kitts.

Fully Integrated Solar Photovoltaic and Lithium-ion Battery Energy Storage System Will Provide Clean and Reliable Energy for Residents ...

The project will provide the island of St Kitts with 35.7 MWp of solar capacity representing 30 - 35% of the annual electricity demand and 43.6 MWh of battery storage ; The landmark infrastructure project will replace over 4,000,000 gallons of diesel per year providing a cost reduction of up to 40% compared to current diesel power generation

The USD-70-million (EUR 57.6m) project will build a 35.7-MW solar photovoltaic (PV) plant and a 14.8-MW/45.7-MWh lithium-ion battery storage system, which are set to become the largest facility of this kind in the ...

On successful completion of this fully integrated solar photovoltaic system and a lithium-ion battery energy storage system (BESS), the facility will supply Saint Kitts with 30% to 35% of consumers" annual electricity demand by utilizing sustainable and renewable solar energy with ZERO carbon emissions.

The project pairs 35.6MW of solar PV with a 44.2MWh battery. Image: MPC Energy Solutions. Construction has begun on a solar-plus-storage project on the Caribbean island of St. Kitts & Nevis, backed by Leclanch&#233;, Solrid and MPC Energy Solutions.

Fully Integrated Solar Photovoltaic and Lithium-ion Battery Energy Storage System Will Provide Clean and Reliable Energy for Residents of St. Kitts and Nevis

Leclanch&#233; and the Government of Saint Kitts realize the largest solar energy production and storage project in the Caribbean Fully integrated solar photovoltaic and lithium-ion battery energy storage

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kind in the Caribbean, according to Leclanche.

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