

Turks and Caicos Islands solarplaza summit energy storage

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The battery energy storage system, which will support the solar PV system, is set for the completion early next year. The solar plus battery microgrid on Salt Cay will be launched next year. When completed, this system will provide 91% of the island's energy demand.

Both islands receive electricity via an undersea cable from Providenciales, and a battery energy storage system will help to reduce grid disruptions and strengthen redundancy. The twin islands microgrid is the company's largest green energy investment to date.

Providenciales, Turks and Caicos Islands (Thursday, June 8, 2023) - FortisTCI will invest \$8 million to install the country's first solar plus battery microgrids to power 30% of the electricity supply on North and Middle Caicos and 91% of ...

Both microgrids will encompass a battery energy storage connected to the primary grid with the ability to disconnect and operate independently, as necessary. An independent study was used to determine the feasibility of microgrids in outer islands.

"The solar plus battery microgrids are among several strategic investments that FortisTCI is making to meet growing energy demand and accelerate the transition to renewable energy, reducing carbon emissions and lowering energy costs over time.

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