

## **Dominican Republic solar farm with battery storage**

What is the first solar-plus-storage project in the Dominican Republic?

Construction has started on the first major solar-plus-storage project in the Dominican Republic, which features a 24.8MW/99MWh battery energy storage system (BESS). The Comisi n Nacional De Energia (CNE) of the Dominican Republic announced the start of work on the Dominicana Azul solar project shortly in late December (22 December).

Is solar energy a viable resource for the Dominican Republic?

High solar potential, along with integrating efficiencies and economies of scale, can make solar energy a viable resource for the Dominican Republic. Similarly, wind energy has strong potential, particularly in the southwest.

What is the Dominicana Azul solar project?

The Comisi n Nacional De Energia (CNE) of the Dominican Republic announced the start of work on the Dominicana Azul solar project shortly in late December (22 December). Construction has started on the first major solar-plus-storage project in the Dominican Republic, featuring a 99MWh battery system.

It will be co-located with an energy storage system of 20.03 MW and 80.12 MWh, to improve the stability and reliability of the power supply in the region. Construction of the first ...

The one drawback with solar panels for the farm would be maintenance and battery storage; maintenance is expensive and needs professional service, and the batteries purchased back in 2008 don't last that long compared to their current-day counterparts.

Grupo Puntacana, a sustainable tourism company, and Eurelius, a developer and investor in energy transition projects, will collaborate to implement a large-scale solar energy generation and battery storage project in ...

The country shares the island of Hispaniola with Haiti to the west. The government of the Dominican Republic has recently recognised the need for energy storage to integrate intermittent renewable energy generation, and the CNE recently issued two resolutions to kickstart the market.

It will be co-located with an energy storage system of 20.03 MW and 80.12 MWh, to improve the stability and reliability of the power supply in the region. Construction of the first battery energy storage system in the Caribbean country began at the end of 2023.

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The Dominican Republic's National Energy Commission (CNE) issued a resolution in February 2023 that requires BESS storage to be paired with large solar assets. However, the remuneration is not yet clear and developers are concerned about interconnection delays for their BESS assets.

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The Dominican Republic's national energy commission CNE has granted a definitive concession for the construction and operation of a 49.98-MW/60.04-MWp solar farm equipped with a battery energy storage system ...

Grupo Puntacana, a sustainable tourism company, and Eurelius, a developer and investor in energy transition projects, will collaborate to implement a large-scale solar energy generation and battery storage project in Punta Cana, Dominican Republic.

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