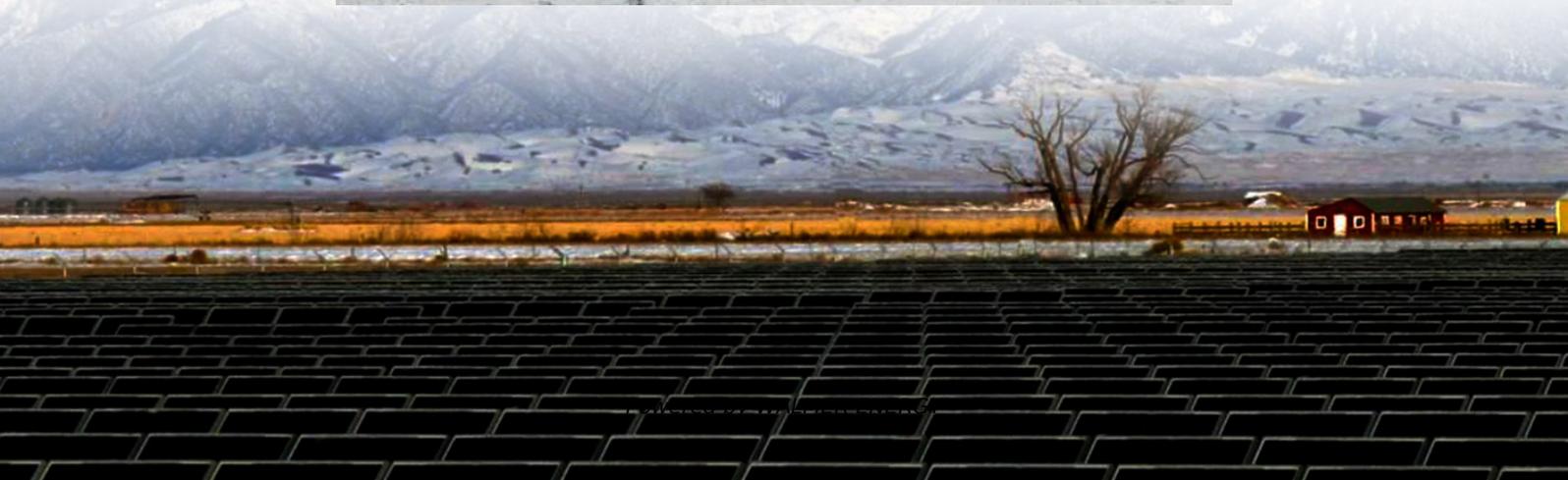
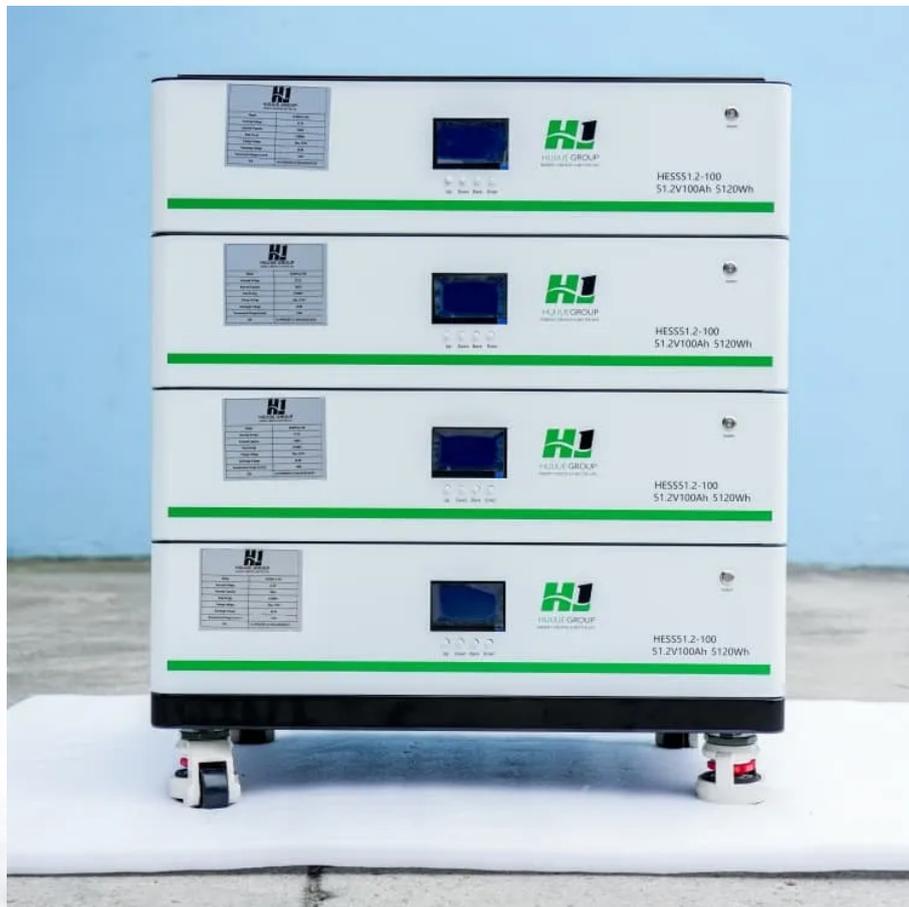


Santo Domingo double-sided solar panels generate electricity





Overview

Does the Dominican Republic need a solar PV plant in Santo Domingo Este?

A central aim of the Renewable Energy Promotion Law of 2007 in the Dominican Republic has been to lessen the country's carbon footprint. Towards this goal is the construction of a 11.44 MWp solar PV plant in Santo Domingo Este.

How can solar power be used in Santo Domingo Este?

Towards this goal is the construction of a 11.44 MWp solar PV plant in Santo Domingo Este. The project involves setting up a 5.3 km transmission line to connect the solar plant to the Maranatha 69 kV substation and a 500m² solar hybrid greenhouse to demonstrate solar power's role in sustainable agriculture. The project is a collective effort.

How many solar projects are there in the Dominican Republic?

The solar energy projects in the Dominican Republic began operating in 2016. Currently, there are 11 definitive concessions for the generation of PV electrical energy. These projects cover an installed capacity between 3 MW and 58 MW (see Fig. 5.). Next, a brief inventory first of its kind in the country.

What is Maranatha Santo Domingo Este solar PV Park?

The company has a stake of 100%. Maranatha Santo Domingo Este Solar PV Park is a ground-mounted solar project which is planned over 13.9 hectares. The project is expected to generate 15.9MWh electricity and supply enough clean energy to power 6,000 households. The project construction is expected to commence from 2021.



Santo Domingo double-sided solar panels generate electricity

Solar PV Analysis of Santo Domingo, Dominican Republic

Maximise annual solar PV output in Santo Domingo, Dominican Republic, by tilting solar panels 17degrees South. The location at Santo Domingo, Dominican Republic is an excellent place ...

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Dominican Republic solar grid panels

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Santo Domingo

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