

Santo Domingo Smart Solar System Factory





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.

Why is the Dominican Republic interested in solar energy?

The framework conditions for this are provided by the world's largest energy source, the sun. Global radiation is about double that of Germany. The Dominican Republic's energy supply is largely dependent on crude oil imports at present. The rising import price of this limited energy source is leading to increased interest in solar power.

Is photovoltaic technology right for the Dominican Republic?

Here, too, photovoltaic technology is the method of choice. As the largest solar park in the Caribbean with a total capacity of 116 MW (phase I - 58 MW, phase II - 58 MW), the Montecristi solar park has laid the foundation for a sustainable turnaround in energy policy in the Dominican Republic.



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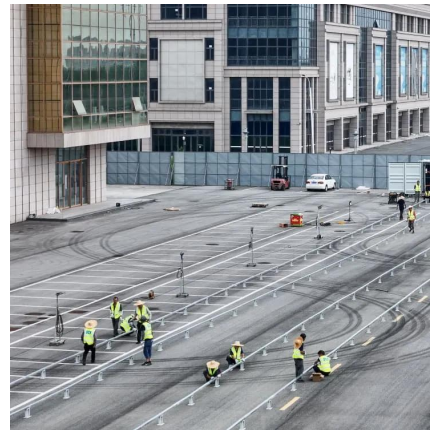


Solar PV Analysis of Santo Domingo, ...

Ideally tilt fixed solar panels 17° South in Santo Domingo, Dominican Republic To maximize your solar PV system's energy output in Santo ...

Solar PV Analysis of Santo Domingo, Dominican Republic

Ideally tilt fixed solar panels 17° South in Santo Domingo, Dominican Republic To maximize your solar PV system's energy output in Santo Domingo, Dominican Republic (Lat/Long 18.4615, ...



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Santo Domingo

The biggest solar roof in the Dominican Republic is also the biggest solar roof in the Carribean. EPC Solarelectric installed 4,744 polycrystalline modules and 42 Sunny Tripower inverters at ...



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Felicity Solar is a global solar power solutions manufacturer of new energy products. It empower residential, commercial & industrial users with reliable solar inverters & lithium batteries.



Maranatha Santo Domingo Este solar farm

Dec 1, 2025 · Maranatha Santo Domingo Este solar farm (Parque Solar Fotovoltaico Maranatha) is an operating solar photovoltaic (PV) farm in Santo Domingo, Dominican Republic.



Dominican Republic: Harnessing Solar Potential to Increase ...

Bolstering Renewable Energy Generation 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 ...





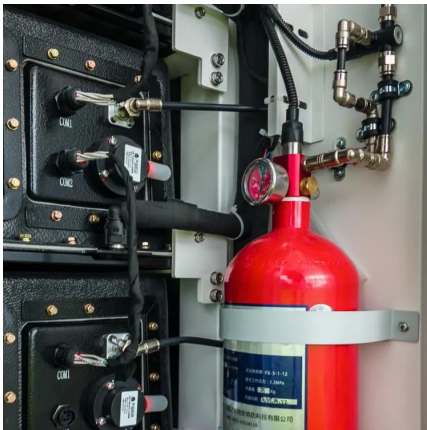
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[Dominican Republic's new solar projects add over 140 MW](#)

Jun 28, 2024 · The project will include the installation of an energy storage system of 27.5 MW/110 MWh, the commission said. A day earlier, Vice President Pena opened the La ...



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At the same time, sustainable stand-alone systems will be created in rural areas and large-scale storage solutions for grid stabilisation planned and built. The office in Santo Domingo also ...

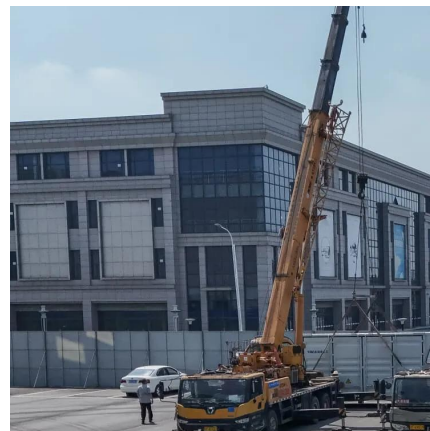
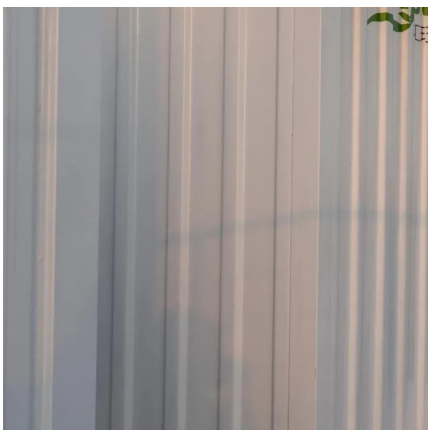


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Parque fotovoltaico La Victoria: DOMINION impulsa la energía solar ...

6 days ago · DOMINION Green construye el parque solar La Victoria en Santo Domingo, con 64,7 MWp y 99.000 paneles, generando 112.000 MWh/año de energía limpia para miles de hogares.



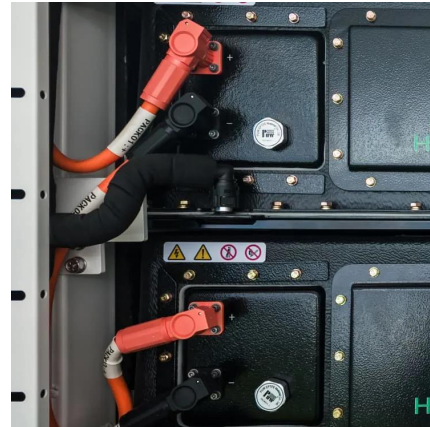
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