

# Dominican Republic s 1GW high-efficiency solar module project





## Overview

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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.

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.

Why did the Dominican Republic build a photovoltaic plant?

The energy deficit and dependence on fossil fuels drove the Dominican Republic to step up its commitment to clean energy. DOMINION took on the task of building the photovoltaic plant in this Caribbean country, with an offer that included everything from the design and construction of the plant to its operation and subsequent maintenance.

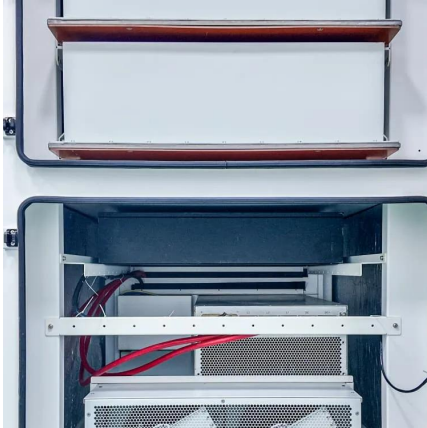
How can the Dominican Republic integrate solar and wind resources?

The short-term variability and geographic diversity of the wind resource will need to be studied before implementation of projects. The Dominican Republic has created a framework for integrating solar and wind resources in its grid that can drive renewable energy adoption for years to come.



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### LONGi Hi-MO 9 to power Elecnor's 60 MW PV build in Dominican Republic

A 60 MW solar plant in the Dominican Republic is set to deploy LONGi Hi-MO 9 modules, with Elecnor as EPC and EGE Haina leading the project development.

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### Dominican Republic

January 9, 2025 EGEPC has launched a tender for a 40 MW solar plant to improve the efficiency of its Punta Catalina thermoelectric plant in the Dominican Republic. The project ...

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### ACCIONA Energía Builds Pedro Corto Solar ...

ACCIONA Energía partners with Grupo País to develop the 63.35 MW Pedro Corto solar project in the Dominican Republic, powering 78,000 homes and expanding its renewable portfolio.

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### Public Tender Launched for Punta Catalina PV Plant in Dominican Republic

The Punta Catalina Power Generation Company announced the formal start of the international public bidding process for the design, supply,



installation and commissioning of ...

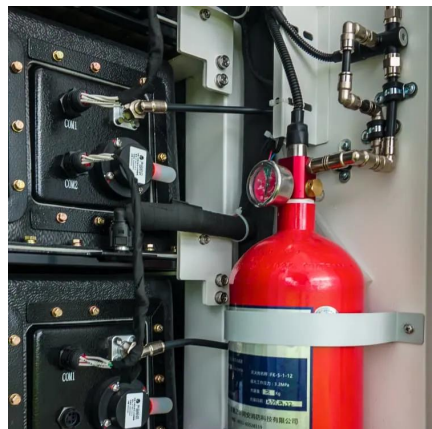
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### [Solar Power Transforms Dominican Republic's Public ...](#)

The Dominican Republic's solar energy transformation represents a pivotal shift in Caribbean power infrastructure, with installed capacity growing from 3MW in 2016 to over ...

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### **Dominican Republic bets on renewable energies with the largest solar**

The ownership of the park is distributed between the local firm **Cotosolar Holding (49%)** and Acciona Energía (51%). It is worth noting that **Cotosolar Holding**, whose main ...

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### **Dominican Republic brings Caribbean's largest solar plant ...**

The Dominican Republic has switched on the 162.6 MW Cotoperí Solar complex, developed by Acciona Energía and local investors. It is the largest PV installation in Central ...

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ACCIONA Energía partners with Grupo País to develop the 63.35 MW Pedro Corto solar project in the Dominican Republic, powering 78,000 homes and expanding its ...

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

The national energy commission (CNE) of the Dominican Republic this week granted a definitive concession for a 83.4-MW/101.6-MWp solar project with storage, while the ...

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## Construction of a 79MW photovoltaic solar park in the Dominican

For the construction, which has had an investment of 93M USD, a total of 147,870 solar panels were used. Results The project helps Dominican Republic to reach its goal until ...

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## [Solar Power Transforms Dominican Republic's ...](#)

The Dominican Republic's solar energy transformation represents a pivotal shift in Caribbean power infrastructure, with installed capacity growing from 3MW in 2016 to over 400MW in 2023. As rising ...

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### [Construction of a 79MW photovoltaic solar ...](#)

For the construction, which has had an investment of 93M USD, a total of 147,870 solar panels were used. Results The project helps Dominican Republic to reach its goal until 2025, the year in which they ...

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### [Dominican Republic's Solar Boom: 140+ MW Added](#)

The Dominican Republic's national energy commission has approved a new 83.4-MW/101.6-MWp solar project with storage, as well as inaugurated a 58.48-MW/64.70-MWp ...

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