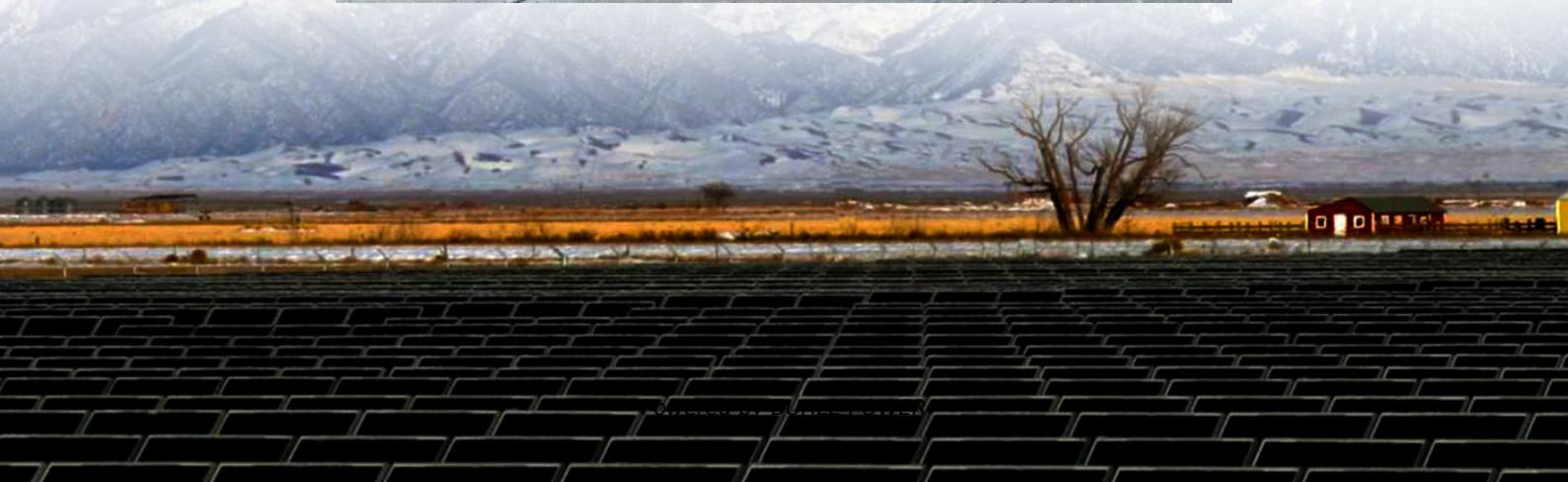




BUHLE POWER

# How many watts of solar power does the Dominican Republic generate





## Overview

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The Dominican Republic closed 2024 with 1,396 megawatts of electricity generated from renewable sources, including solar, wind, and biomass. 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.

How much energy does the Dominican Republic get?

The Dominican Republic currently gets 80% of its energy from fossil fuels which come from coal, natural gas, and fuel oil. Yet, the government is committed to getting a quarter of its electricity from renewables by 2025 and 30% by 2030.

Does the Dominican Republic have solar power?

In addition to these grid-tied projects, the Dominican Republic has several distributed solar projects to provide power in off-grid locations. The Dominican Republic has high wind potential and already boasts several utility-scale wind projects.

Does the Dominican Republic have electricity?

Like many island nations, the Dominican Republic is highly dependent on imported fossil fuels, leaving it vulnerable to global oil price fluctuations that directly impact the cost of electricity. Before 1997, the electricity market in the Dominican Republic was regulated and state-owned.



## How many watts of solar power does the Dominican Republic generate?

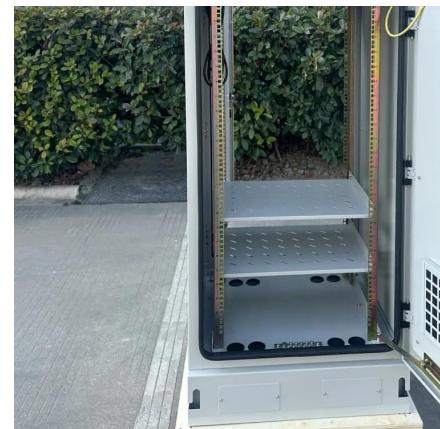


### HOW MUCH ENERGY DOES THE DOMINICAN REPUBLIC GET?

How many Watts Does a residential solar panel produce? The standard residential solar panel size is 65 inches by 39 inches, has 72 cells, and generates between 250 and 400 watts of ...

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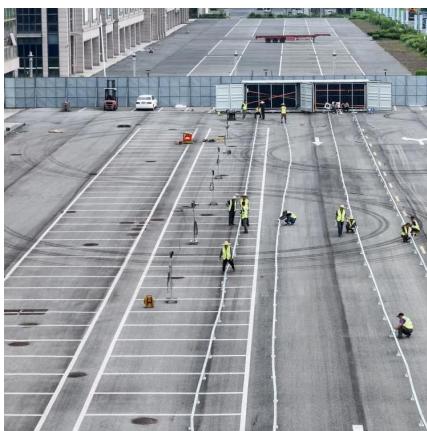


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### **Dominican Republic**

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## ENERGY PROFILE Dominican Republic

Indicators of renewable resource potential Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity ...



## Dominican Republic Solar Energy Insights 2025

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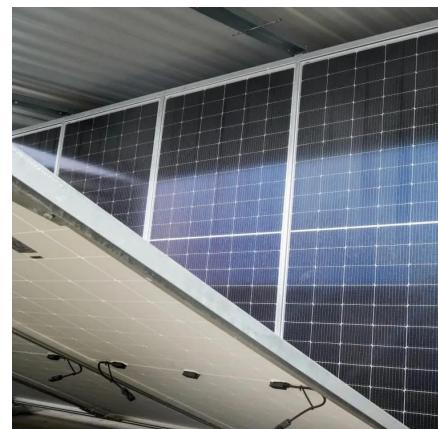


## [\(PDF\) Photovoltaic energy in the Dominican ...](#)

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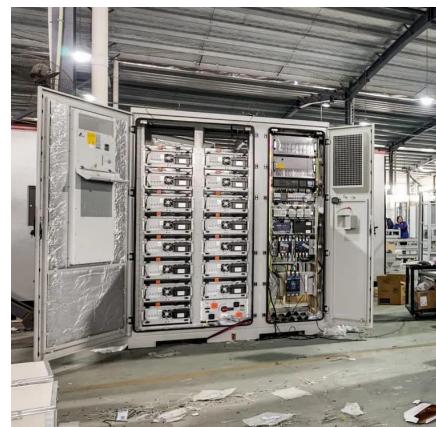
## [Dominican Republic's Solar Boom: 140+ MW Added](#)

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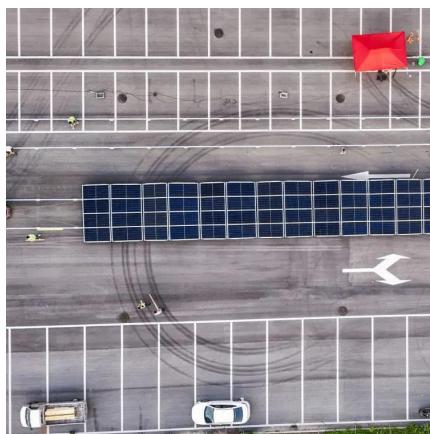
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