

## SolarTech Power Solutions

# Colombia solar Energy Storage Investment



## Overview

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How many renewable projects are there in Colombia?

Colombia There are more than 251 renewable projects with a total installed capacity of 15,684.52 MW registered with UPME in pre-feasibility, feasibility, and detailed engineering stages. Developers of these projects are open to strategic partnerships with investors willing to take the projects to construction and operation.

How much energy does Colombia use?

businesses.<sup>4</sup>In 2021, Colombia's total final energy consumption reached 1,319 petajoules (PJ). Fossil fuels accounted for 67% of this total, with oil being the primary energy source (49%), followed by natural gas (11%) and coal (7.1%).<sup>5</sup> Electricity, primarily sourced from hydropower, constituted the second-highest consumed en.

Where is geothermal energy available in Colombia?

Geothermal: The Colombian Geological Service estimated an electric power of 1,170 MW, and there is special interest in areas such as Paipa (Boyacá), Azufral (Nariño), San Diego (Cesar), Nevado del Ruiz (Tolima-Caldas), Santa Rosa (Risaralda), and Cerro Machín (Tolima). 50% income tax deduction for 15 years for investments in alternative sources.

What is Colombia's energy consumption in 2021?

graphical location and policy reforms that have created a strong legal framework fo businesses.<sup>4</sup>In 2021, Colombia's total final energy consumption reached 1,319 petajoules (PJ). Fossil fuels accounted for 67% of this total, with oil being the primary energy source (49%), followed by natural gas (11%) and coal (7.1%).<sup>5</sup> Electricity, primarily.

Is Colombia a good place to build a wind farm?

Wind: Colombia has the potential to implement wind farms of over 50 GW and

a wind speed of 9 m/s, which is double the global average. Offshore in La Guajira, the wind speed exceeds 10 m/s, and the estimated net capacity factors are close to 70%, among the highest in the world.

Are green hydrogen producers contributing to greater hydrogen production in Colombia?

in the framework of the JET roadmap in Colombia, are contributing to greater hydrogen production. Moreover, the MME published a draft decree establishing that green hydrogen producers supplied by self-generators with FNCER, or marginal produce

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