

## ContainerPower Energy Solutions

# GW-scale solar energy in Venezuela



## Overview

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How much solar power does Venezuela have?

According to the latest statistics published by the International Renewable Energy Agency, Venezuela had around 5.32 MW of installed solar PV power generation capacity in 2019. In 2019, the Venezuelan government announced a plan to build its first utility-scale PV project to strengthen its National Electric System.

Can solar energy be used in isolated rural communities in Venezuela?

It aims to develop the use of renewables within isolated rural communities includes solar. The future development of the solar energy sector in Venezuela with the growth of energy consumption and substitution of fossil fuels by renewable energy potential is likely to promote the solar energy market in Venezuela.

What is the Venezuela plan for the national electric system?

The Venezuela Plan for the National Electric System aims to integrate renewables in the power system by including them in medium and long-term strategies. It aims to develop the use of renewables within isolated rural communities includes solar.

Why is Venezuela a good country for solar energy?

**Solar Potential:** Venezuela is blessed with abundant sunlight due to its geographical location. This enables the country to harness solar energy efficiently and generate substantial electricity from solar power plants. The high solar irradiation levels provide a favorable environment for solar installations.

How will solar energy impact the energy transition in Venezuela?

**Energy Transition:** The global trend towards clean and sustainable energy sources will influence the energy transition in Venezuela. Solar energy will

play a vital role in reducing greenhouse gas emissions, meeting renewable energy targets, and diversifying the energy mix.

How much wind power does Venezuela have?

At the end of 2019, Venezuela held 71.28 MW of installed wind capacity, a much higher capacity compared to the solar PV installed capacity as of 2019. Venezuela is also planning to build wind farms with a generating capacity of 10,000 MW over the next 15 years.

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