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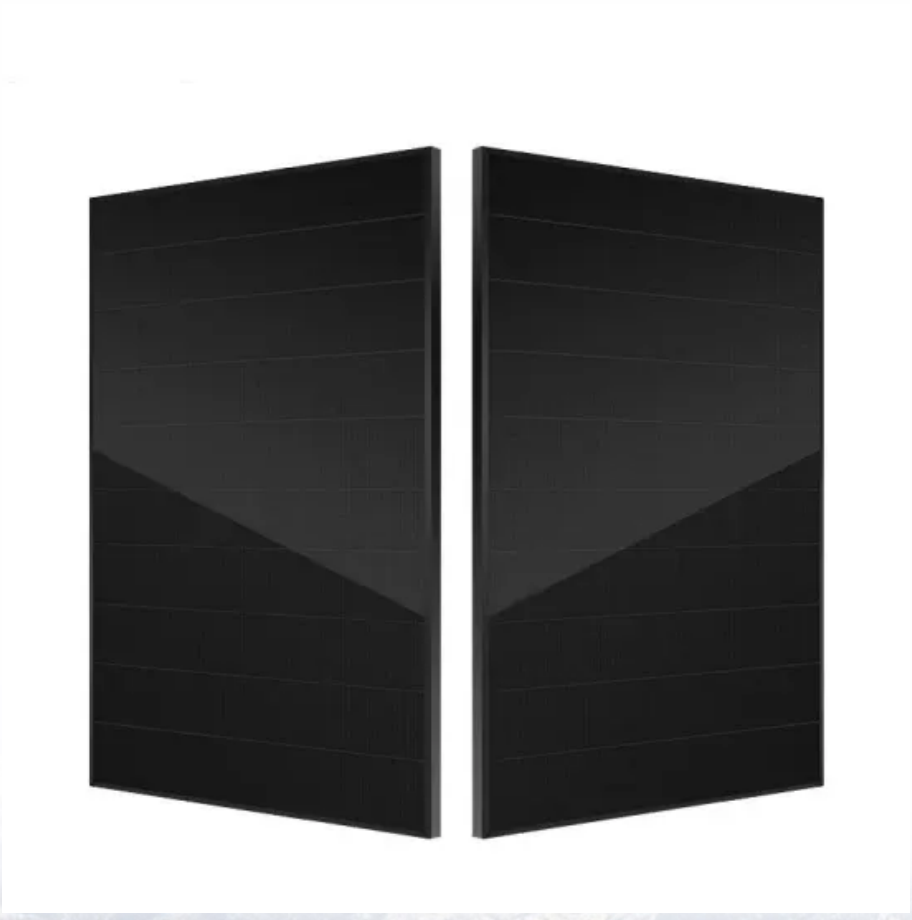
What are some unpopular energy storage systems in Costa Rica



Overview

Should Costa Rica expand its wind power capabilities?

To meet future electricity demands and continue its sustainable energy journey, Costa Rica could focus on expanding its wind power capabilities. The existing wind energy infrastructure already contributes a substantial portion of clean electricity, making it a viable candidate for scaling up.

Does Costa Rica have low-carbon electricity?

Costa Rica has reached an impressive level of low-carbon electricity generation, currently obtaining a staggering 98.4% of its electricity from clean sources.

How much electricity does Costa Rica use?

Observing the recent trends, it is evident that electricity consumption in Costa Rica is experiencing modest growth. In 2025, the total consumption reached 2,550 kWh per person, a slight increase from the previous high of 2,516 kWh per person recorded in 2021. This reflects a welcome boost in overall electricity use.

Does Costa Rica have hydropower?

In the early 1980s, Costa Rica began augmenting its hydropower capabilities with incremental increases in electricity production. For instance, there was a 0.5 TWh increase in 1980, followed by further growth in 1983 and throughout the 1990s.

Should Costa Rica invest in wind energy?

The existing wind energy infrastructure already contributes a substantial portion of clean electricity, making it a viable candidate for scaling up. By increasing investment in wind energy projects, Costa Rica can enhance its low-carbon electricity generation and maintain its commitment to sustainable development.

Is Costa Rica a sustainable country?

In Costa Rica, sustainability is a way of life. The country has long been a pioneer in protecting its plentiful natural resources, including its biodiverse cloud forests and rainforests, golden and black sand beaches, and active volcanoes’ vibrant ecosystems. Today, it's on a mission to become the first carbon neutral country on the planet.

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