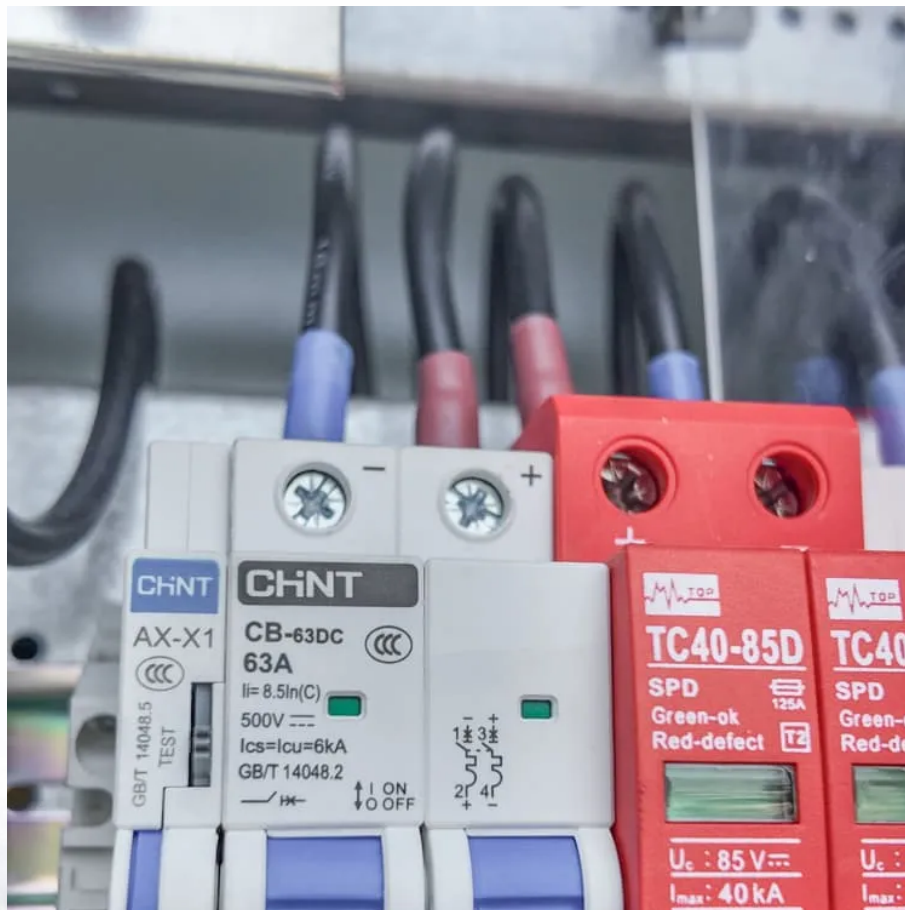


Cuba's power generation side energy storage peak regulation subsidy





Overview

Energy storage systems (ESS) are crucial for addressing the intermittent nature of renewable energy, and improving the flexibility of power systems. However, the uncertainties in the investment decision proc.

What types of energy systems are covered in Cuba?

Coverage includes generation and storage systems, renewable energy installations (hydropower, solar PV, wind, biomass, ocean, and solar thermal), electrical grid history and characteristics, and an analysis of Cuba's electrical energy resiliency.

Can Cuba achieve its 2030 Energy policy goals?

Skip to content viewer section. Cuba has been remarkably successful at revitalising its energy sector over the last two decades, significantly increasing efficiency and reducing energy intensity and emissions. This article analyses those successes and looks at the policy challenges ahead for Cuba to achieve its 2030 energy policy goals.

Do increased subsidies incentivize investment if subsidies are retracted?

Increased subsidies do not incentivize investment when subsidies may be retracted. Energy storage systems (ESS) are crucial for addressing the intermittent nature of renewable energy, and improving the flexibility of power systems. However, the uncertainties in the investment decision process pose a challenge for investment evaluation of ESS.

Does subsidy retraction affect sequential investment in energy storage?

A real options model for sequential investment in energy storage is developed. Policy uncertainty of subsidy retraction, provision or transformation is considered. Sequential investment promotes earlier project deployment than lumpy investment. Retraction has a greater impact on investment than the provision of subsidies.



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ENERGY PROFILE Cuba

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by ...

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