

Is energy transition possible in Cuba 2030?

The shift demand from fuels to electricity in transport and industry is necessary to enhance energy security. This study evaluated the possibilities of energy transition in Cuba 2030. Cuba is currently in a vulnerable energy situation since it strongly depends on the importation of fossil energy.

Who is responsible for Cuba's energy crisis?

The government has blamed Washington for the crisis. The Cuban government on Friday announced a series of emergency measures as the island prepares for severe fuel shortages due to increased pressure from the United States. In a televised address, Deputy Prime Minister Oscar Perez-Oliva Fraga blamed Washington for the energy crisis.

Is Cuba a vulnerable energy system?

Cuba is currently in a vulnerable energy situation since it strongly depends on the importation of fossil energy. Strategies based on intermittent RES (solar and wind) can reduce this vulnerability, but the introduction of this type of source impacts the energy system's characteristics and aspects at a country/regional scale.

How can Cuba improve energy security?

In the Int-a and Int-b scenarios, Cuba still needs to import refined fuels which are mainly required by the industrial and transport sectors. Therefore, energy security can be improved by reducing the oil subproducts demanded by these activity macro sectors (i.e. MS1 and MS7).

**Keywords:** Energy scenarios Decision-making energy policy Renewable energy sources Carbon compensation  
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To deal with fuel shortages, Cuba has announced plans to ration fuel and protect essential services. The government has blamed Washington for the crisis. The Cuban government on Friday ...

The report highlights efforts taken to facilitate this transition in both jurisdictions. Cuba's energy crisis is severe and the road to recovery will be a long one. Nonetheless, taking bold and ...

The Cuban government has implemented directives inspired by the 1990s Special Period measures to address the fuel shortage. These include prioritizing state consumption, reducing ...

The energy crisis has led to reduced bank hours, suspended cultural events and halted public transport. U.S. sanctions have long impacted Cuba, but recent measures have intensified the ...

Cuba on Monday implemented new emergency measures designed to save fuel in response to the energy blockade imposed by the United States which is having a severe impact on the daily ...

Cuba's energy minister has laid out a series of urgent, new measures aimed at tackling a severe fuel shortage, which is causing widespread power outages and threatening daily life across ...

Chinese and Cuban authorities signed an investment agreement to jointly implement a project to expand the use of renewable energy.

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HAVANA, Cuba - Cuba is enduring its most profound energy crisis in decades, a complex challenge manifesting in widespread blackouts, critical fuel shortages, and a crumbling power ...

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