

# Cuban energy storage enterprise exports





## Overview

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What is the energy consumption column in Cuba?

Electricity production of Cuba in 2015 sorted by technologies and resources, the energy consumption column corresponds to the primary resources needed to produce the amount of electricity in the column called electricity production with the current Cuban energy system. Thermoelectric power plants have an installed capacity of 2.59 GW.

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).

Which sectors use the most energy in Cuba?

The various other sectors (i.e., water supply, construction, and agriculture) use 12% of the total energy consumed. The demand of the island is fulfilled with two different branches of energy resources: Oil sub-product (63%) and electricity (37%). Table 1. Energy demand of Cuba by demanding sectors in 2015 .

How much energy does Cuba have?

This huge potential represents an amount of energy of around 24.4 TWh/yr. Table 9 shows the resource potentials estimated for Cuba. The reduction of energy dependence in Cuba entails more intensive exploitation of local renewable energy resources: biomass, wind, or solar radiation.



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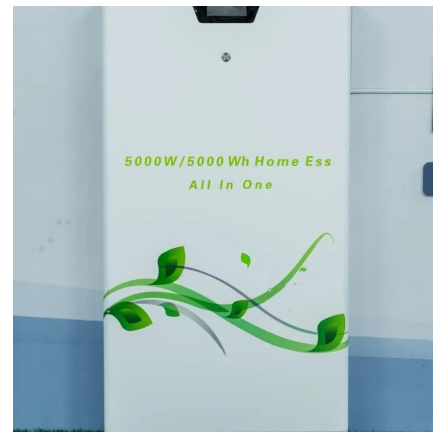


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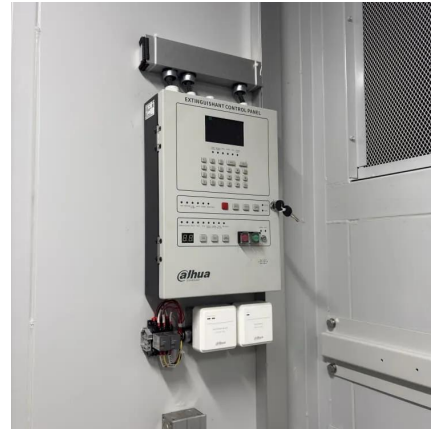
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Indicators of renewable resource potential Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity ...



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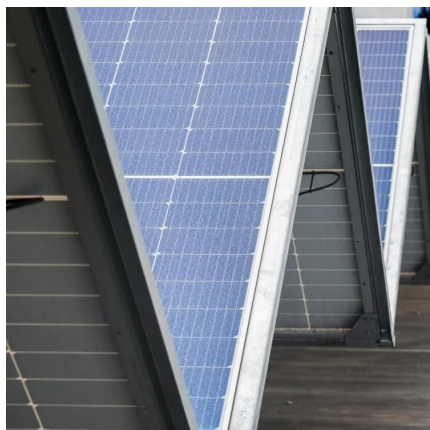


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