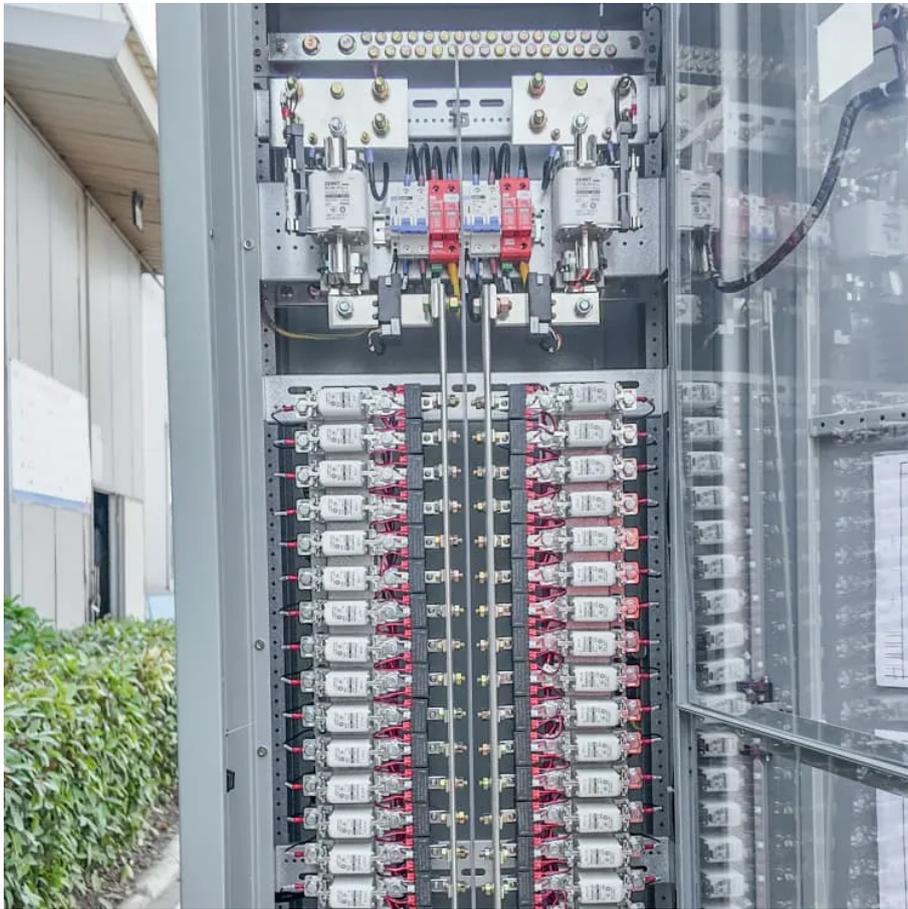


## Kongres Container

# Peru coal-to-electricity energy storage products



## Overview

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How is energy used in Peru?

Total energy supply (TES) includes all the energy produced in or imported to a country, minus that which is exported or stored. It represents all the energy required to supply end users in the country.

How much power does Peru have?

According to a study published by the International Renewable Energy Agency (IRENA, 2014) Peru has a potential of 69,445 MW of hydroelectric power; 22,500 MW of wind power, located mainly on the Peruvian coast; 3,000 MW of geothermal power, and a solar energy power with average daily irradiance of 250W/m<sup>2</sup>.

What are the energy policy objectives of Peru?

The same happened with Bill 6953 of 2021, which was not approved by the Commission of Energy and Mines of the Congress of Peru, as analyzed before. For this reason, energy policy objectives should aim, on the one hand, at recovering the State's capacity to decide the structure of our energy matrix in the long term.

How can Peru fulfill its commitments in environmental matters?

For Peru to fulfill its commitments in environmental matters, it is necessary to implement an updated legal framework and new policies that allow to renew the momentum to advance in the energy transition.

What are the energy transition policies in Peru?

In 2008, Peru implemented important energy transition policies measures, in particular the creation of the Ministry of the Environment and the enactment of Legislative Decree 1002 (Gobierno del Gobierno del Perú, 2008), which aimed to promote the use of RER, establishing guidelines to define contribution percentages of RER in electricity generation.

Are renewable energies a problem in Peru?

According to statements by the president of the Sociedad Peruana de Energías Renovables (2021)<sup>11</sup>: “There is a lot of opposition, unfortunately, to renewable energies taking a predominant or, at least, significant role in the Peruvian electricity sector.

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