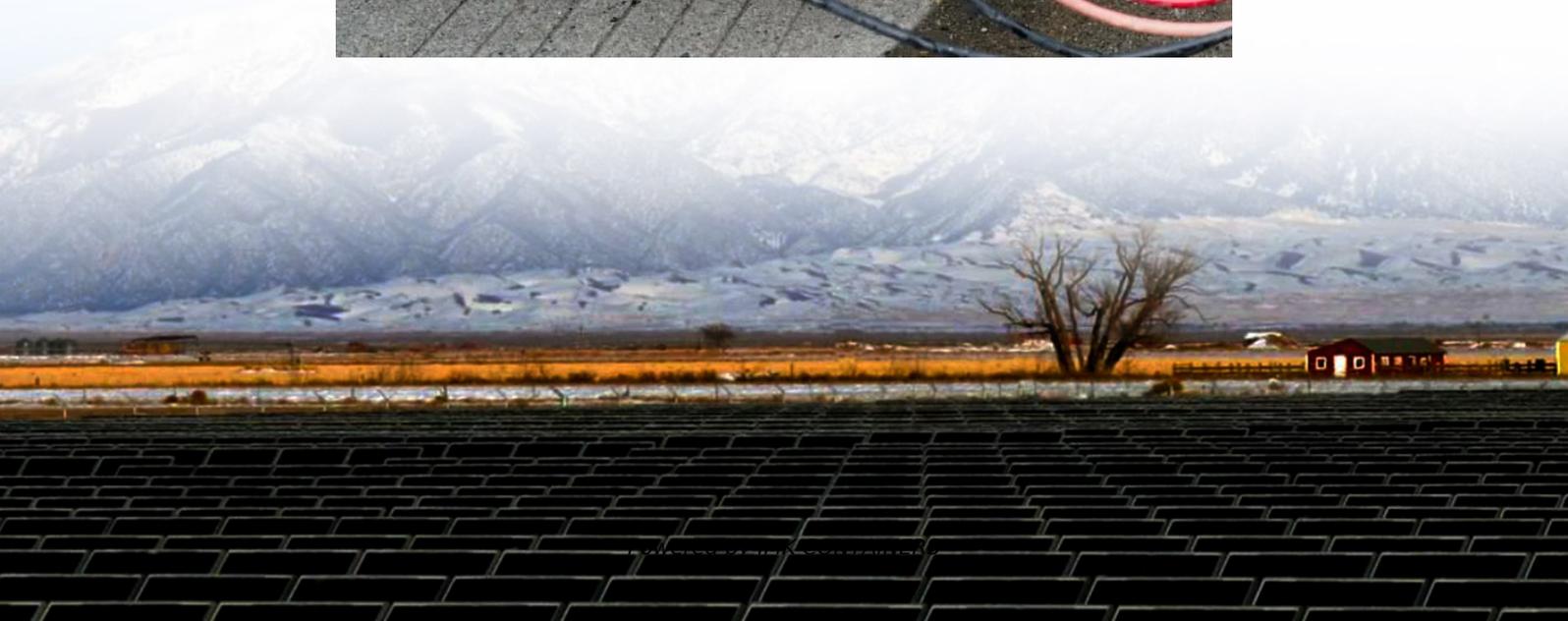
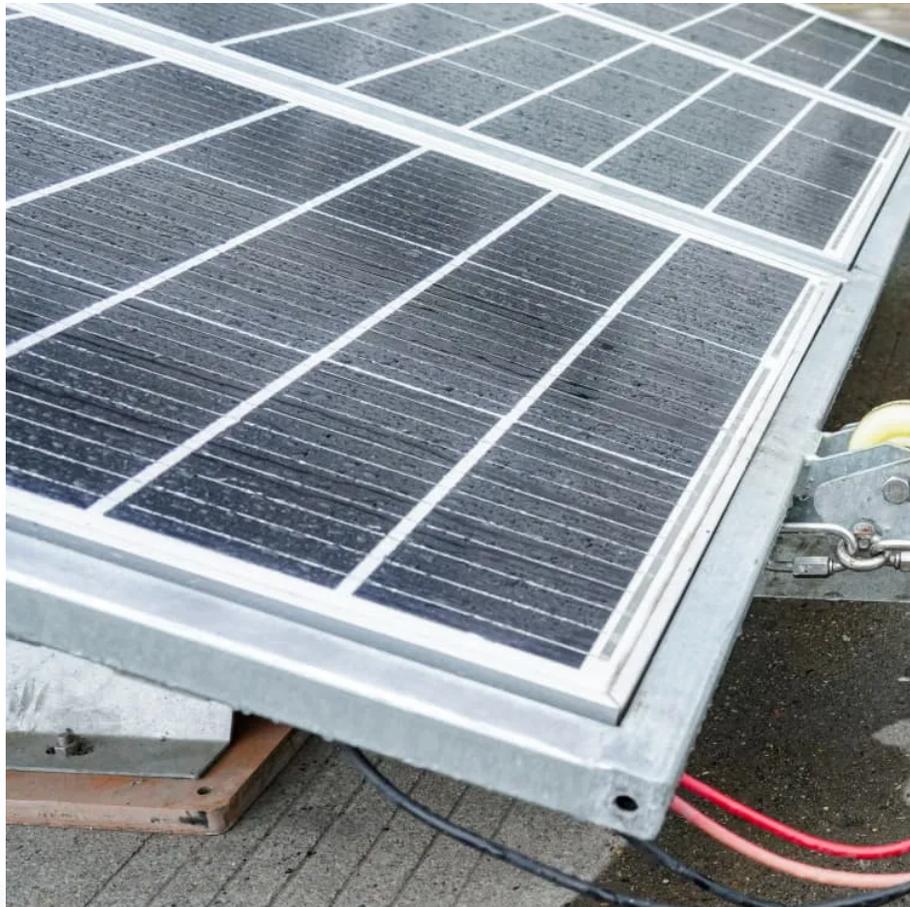


What is energy storage power in Portugal





Overview

Why is energy storage important in Portugal?

Renewable energies are inevitably vulnerable to variations in availability, since the sun and the wind cannot be programmed. Energy storage is therefore essential if EU targets are to be met. Portugal's installed energy storage capacity is still predominantly based on hydro pumping, which currently stands at 4,164 GW year.

Should energy storage be democratised in Portugal?

Energy storage is therefore essential if EU targets are to be met. Portugal's installed energy storage capacity is still predominantly based on hydro pumping, which currently stands at 4,164 GW year. However, this paradigm is about to change with the democratisation of energy storage solutions through wind and solar production.

What is Portugal's energy supply?

In 2019, fossil fuels accounted for 76% of Portugal's total energy supply (TES).¹ Portugal has no production of crude oil, natural gas or coal and relies entirely on imports for these energy sources. Domestic energy production comes primarily from bioenergy (direct use and electricity generation) and generation from wind and hydro (Figure 2.2).

How does the energy sector work in Portugal?

The Portuguese energy sector is liberalized, meaning that you are typically free to choose the electricity (luz) provider of your choice when setting up your new home. However, this choice is a fairly recent development in Portugal. As such, many households in the country are still supplied by EDP, the former state operator.



What is energy storage power in Portugal



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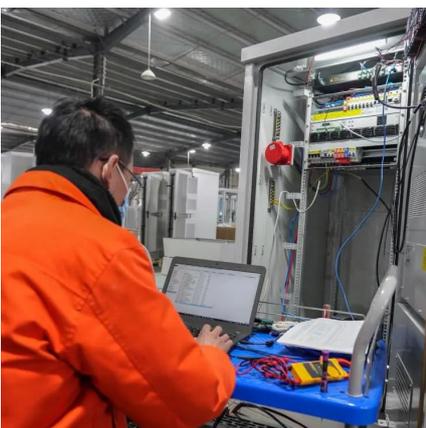
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