

SolarTech Power Solutions

Portugal s integrated wind solar and storage electricity price



Overview

How much energy does Portugal rely on?

Over the last decades Portugal had a high energy dependence which varied between 80 and 90%. The recent focus on renewable (hydro and wind particularly) and energy efficiency and also the economic context, allowed Portugal to reduce its dependence to levels below 80%.

How much does electricity cost in Portugal?

The residential electricity price in Portugal is EUR 0.223 per kWh or USD 0.260. The electricity price for businesses is EUR 0.149 kWh or USD 0.174. These retail prices were collected in March 2025 and include the cost of power, distribution and transmission, and all taxes and fees. Compare Portugal with 150 other countries.

Is solar energy a good source of energy in Portugal?

The solar energy source, although with residual effect, already reflects the residential legislation revised that supported EPBD implementation in Portugal and natural gas has gained expression in the residential energy balance, (+3% from 2006 to 2016).

What is Portugal's energy mix?

Hydroelectric power, benefiting from Portugal's river systems, and wind energy are among the most significant contributors to the country's energy mix. Solar power is also on the rise, taking advantage of the country's sunny climate. Portugal's commitment to renewable energy is evident in its ambitious targets and policies.

How much energy does a shower save in Portugal?

With the energy-saving shower, you can save up to 50% energy compared to standard shower heads. Or you can shower half the time. With the electricity price today in Portugal you can save 0.31 € for each shower. The price of

electricity can fluctuate a lot during the day and charging an electric car consumes a lot of electricity.

How much does it cost to charge an electric car in Portugal?

Or you can shower half the time. With the electricity price today in Portugal you can save 0.31 € for each shower. The price of electricity can fluctuate a lot during the day and charging an electric car consumes a lot of electricity. With the cost of electricity today in Portugal it is 5.15 € cheaper to charge at the hours with the lowest price.

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