

ContainerPower Energy Solutions

How much is the electricity price of the Belgian energy storage power station



Overview

How much does electricity cost in Belgium?

The residential electricity price in Belgium is EUR 0.382 per kWh or USD 0.445. The electricity price for businesses is EUR 0.241 kWh or USD 0.281. These retail prices were collected in March 2025 and include the cost of power, distribution and transmission, and all taxes and fees. Compare Belgium with 150 other countries.

What is the main source of electricity in Belgium?

The main source of electricity in Belgium is nuclear power, which contributes significantly to the nation's energy mix. This is complemented by renewable energy sources such as wind and solar power, as well as natural gas. The blend of these sources ensures a steady and reliable supply of electricity across Belgium.

What is the energy sector like in Belgium?

The country's energy sector is characterized by a balanced approach, combining renewable and conventional energy sources. The main source of electricity in Belgium is nuclear power, which contributes significantly to the nation's energy mix. This is complemented by renewable energy sources such as wind and solar power, as well as natural gas.

How much does electricity cost in Belgium in April 2023?

Since then, the price of electricity has decreased gradually and in April 2023, it reaches pre-invasion levels. In concrete terms, the electricity bill of an average household in Belgium went from € 1,581.85 in April 2022 to € 1,279.90 in April 2023, meaning a decrease by € 301.95. Analyzed per Region, the price difference is noteworthy too:.

How are short-term electricity prices published in Belgium?

The short-term prices in Belgium are published by Epex Spot. The electricity

price stipulated in your contract is indexed monthly. eSpot monthly is an index based on the arithmetic average of the “settlement” prices of the Day-Ahead (EpeX Spot) market, for all days of the month in question.

Why is nuclear energy important in Belgium?

Nuclear energy plays a pivotal role in Belgium's electricity market. It offers a significant amount of the country's electricity supply, ensuring energy security and contributing to the national grid's stability. The strategic use of nuclear power also aids Belgium in meeting its energy demands while maintaining a low-carbon energy profile.

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