

# Average household energy storage price per 3MW in Bulgaria

How much does electricity cost in Bulgaria?

The average price of electricity since 2007 reached its maximum, EUR0.1192kWh, in December of 2023 and its minimum price, EUR0.0711 kWh, in June of 2008. The difference between the price of electricity with and without taxes is EUR 0.0199 tax for each kilowatt hour, thus, 16.65% of what households pay for electricity in Bulgaria.

Why are electricity prices so high in Bulgaria?

Rising costs for fossil fuels and CO<sub>2</sub> emissions are already pushing electricity prices in Bulgaria to record high levels. In response, businesses are turning to renewable energy to lower their electricity bills.

Why is energy storage important in Bulgaria?

In 2023, the Bulgarian Parliament introduced specific legislative amendments regulating the electricity storage. The rationale behind the amendments is to provide balance and flexibility to the power system. Energy storage is a crucial step for low-carbon economy since it enhances the security of supply and the development of renewables capacity.

How can different energy storage applications benefit Bulgaria?

In the European Union (EU), different energy storage applications benefit Bulgaria. Energy storage applications play a vital role in the successful integration of renewable energy sources into the electricity grid. They can bring grid stability and resiliency, which are crucial as a country strives to

Can battery-based energy storage improve peaking capacity in Bulgaria?

Battery-based energy storage can also offer greater flexibility and efficiency in managing the grid. Furthermore, and although hydropower storage already makes up a significant source of peaking capacity in Bulgaria, battery-based energy storage can address peaking needs during times of droughts, meet requirements for more distributed peaking po

Who can benefit from a high imbalance in Bulgaria?

the market after grid services than standalone solar. **BALANCING AND PORTFOLIO OPTIMISATION** Considering the high imbalance changes seen in Bulgaria, Balance Responsible Parties (BRPs) such as utilities, traders, and IPPs as well as DSOs can also benefit fr



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