



Analysis of Serbia s lithium energy battery cabinet





Overview

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As the EU accelerates its pursuit of critical raw materials to support its green transition and enhance strategic autonomy, lithium – an essential component of electric vehicle batteries – has gained significant importance. This article examines the EU's strategic interest in securing lithium.

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In 2022, Serbia's largest wind farm (Cibuk 1) produced so much energy on a windy night that the grid nearly choked. Solution?

A 20 MW battery storage system installed faster than you can say "Idemo!". Result: 15% fewer curtailment losses and happier grid operators. Moral of the story?

Storage isn't.

The EU's primary reason for wanting Serbian lithium is tightly related to its determination to decrease its dependence on Chinese lithium, compete with rising Chinese electric vehicle manufacturers, and make sure the EU can reach its own time-sensitive goals of the European Green Deal by 2030 and.

Lithium is crucial for electrification, in particular for electric cars, and demand is growing. Currently dependant on imports, the EU would like to source the lithium



needed for decarbonisation closer to home. But with huge protests in Serbia, it is clear that local communities are asking, “Whose.

As Serbia accelerates the growth of its renewable-energy sector, an uncomfortable truth is becoming visible: wind and solar alone cannot deliver a stable, reliable and flexible power system. The grid absorbs what it can, but its structural limitations are becoming clearer with each new project.



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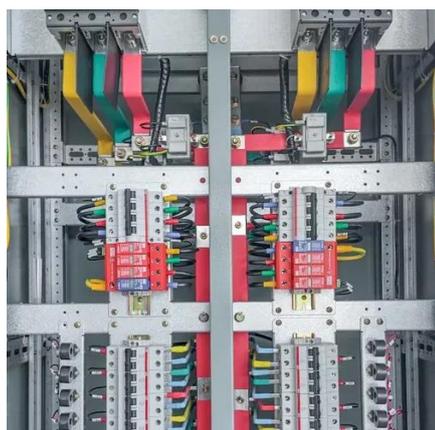
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