

Italian electromagnetic energy storage solution





Overview

Why should we invest in Italy's digitised energy infrastructures?

The company's commitment translates into both proprietary solutions and adaptation - already today - to the most stringent EU requirements for digitised energy infrastructures. The Italian storage market also represents a key test bed for large-scale integration of renewables and smart grid management.

How will a hybrid energy storage system help Sardinia?

In addition, the Hybrid Energy Storage System will help to stabilize the island's power grid, with plans to dispatch renewable energy to help meet the high demand during peak load hours while encouraging further local use of renewable generation in Sardinia.

Who owns the 100MW energy storage system in Sardinia?

The 100MW energy storage system will be owned and operated by Energy Vault, and is key to increasing the local use of renewable energy in Sardinia while accelerating the formation of the Renewable Energy Technology Hub.

What is the largest grid-connected storage system in Europe?

In particular, the Blackhillock project in Scotland, with 300 MW/600 MWh, is today the largest grid-connected storage system in Europe and capable of guaranteeing grid stability exclusively through batteries. Sma took care of the engineering, plant control integration and grid studies to prove its effectiveness.



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Energy storage equipment installation in Italy

Italy will promote investments in utility scale electricity storage to reach at least 70 GWh, and worth over Euro 17 bn, in the next ten years. The new storage capacity will be acquired ...

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