

Does Italy need electricity storage?

As Italy's energy mix is increasingly composed of variable renewable energy sources, electricity storage will be needed to integrate power generated by renewables into the national grid and make it available when sun and wind energy are not accessible.

What is Italy's energy policy?

In line with the EU energy and climate policy framework, Italy's energy policy aims to decarbonise the energy supply through the expansion of renewable energy, electrification and increased energy efficiency across the economy. This is also broadly consistent with the IEA roadmap to net zero (IEA, 2021).

What are Japan and South Korea's energy policies?

Japan's policies are mainly targeted for emergency power due to the volatile nature of the region to natural disasters, whereas Germany adopted the ESS policies for renewable energy integration into the grid. South Korean policy focuses on peak power reduction for homes and businesses.

When will Italy's gas storage capacity be filled?

The government enacted a decree in March 2022 mandating that Italy's total gas storage capacity must be filled to at least 90% of total capacity in advance of the 2022-2023 winter period, in alignment with the IEA 10-Point Plan to Reduce the European Union's Reliance on Russian Natural Gas.

Who owns Italy's strategic storage reserves?

The MiTE has tasked Stogit with storing 97% of Italy's strategic storage reserves, equating to 4.48 bcm. The remaining storage capacity is controlled by Edison Stoccaggio (865 mcm, including 140 mcm of strategic reserves) and Ital Gas Storage (1 bcm). Storage operators are required to make all their commercial capacity available via auctions.

Can Italy reduce dependence on Russian gas?

In the short term, reducing dependence on Russian gas is arguably the biggest challenge facing the Italian energy sector. In March 2022, the Italian government announced that it aims to significantly reduce Russian gas imports in the next year and cease importing gas from Russia by 2025.

Italy's renewable energy challenge hinges on its continued implementation of and support for energy storage systems. Energy storage can help bridge the north-south transmission divide, clean up peaking capacity, ...

An Italian naval ship recently carried out monitoring and surveillance operations around Japan for the first time in a bid to curb North Korea's illicit maritime activities, according ...

In 2020-2021, in response to the COVID 19 pandemic, Republic of Korea has committed at least USD 6.28

billion to supporting different energy types through new or amended policies, according to official government sources and other ...

Three projects in Italy's Lombardia, Piemonte, and Puglia regions. 14 February 2024, ITALY / UK / SINGAPORE - ACL Energy, a Milan-based battery energy storage developer, today announces a joint venture ...

Most future business cases for energy storage in Italy are now being structured around the capacity market plus energy arbitrage, unlike most of Europe where ancillary services are the main share. Batteries won substantial ...

- Korea's battery energy storage industries experienced remarkable growth, with conglomerate Korean companies LG Chem, Samsung SDI, and SK Group accounting for more than 80% of the total lithium-ion battery (hereinafter, LiB) ...

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