

The 2025 heatwave that scorched Europe from June to July was more than a climatic anomaly--it was a stress test for the continent's energy infrastructure. Temperatures exceeding 40°C ...

The integration of isobutane in energy storage solutions faces several significant challenges that hinder its widespread adoption and optimal utilization. One of the primary obstacles is the ...

The Fertilizing Products Regulation (FPR), which came into effect on 16 July 2022, sets the rules for the safety, quality, and labelling of fertilizer products within the EU and provides a pathway ...

Tomorrow's clean and renewable electric grid will be built on a foundation of flexible, responsive energy storage technologies. Supporting the equitable scale-up of those technologies, and the development of applications ...

According to a latest report from market intelligence firm Clean Energy Associates (CEA), the U.S. energy storage system (ESS) battery manufacturing capacity is facing severe challenges. As ...

On the other hand, especially the setting of mandatory filling targets has proven to be an effective means of dealing with an energy crisis. Overall, the prolongation of the Gas Storage ...

Finland has taken a groundbreaking step in renewable energy storage by unveiling the world's largest sand battery, capable of significantly reducing carbon emissions while efficiently ...

The world's largest sand battery, a 100 MWh thermal energy storage project, is now operational in Pornainen, Finland. Built by Polar Night Energy, the battery stores excess renewable energy ...

The Clean Electricity Investment Tax Credit under Section 48E of the Internal Revenue Code (IRC) represents a pivotal incentive for advancing zero-emission electricity generation and ...

Recently, the German Federal Court of Justice (BGH) issued a landmark ruling confirming that local grid operators have the right to charge grid connection fees (BKZ) for energy storage ...

Summary Finland has taken a bold step in clean energy innovation by launching the world's first commercial sand battery. This thermal storage system uses heated grains to retain energy for ...

Its low boiling point, high vapor pressure, and excellent thermal stability make it an attractive option for various energy transfer processes. The primary objective of utilizing 2 ...



Finland energy storage regulations

Agência Nacional de Energia Elétrica (ANEEL), Brazil's electricity regulator, will publish initial energy storage regulations in the second half of 2025, with two additional consultation phases ...

Finland's sand-to-heat system is more than just a clever invention--it's a bold step toward sustainable, scalable energy storage. By harnessing the power of simple materials and excess ...

Polish ministries want to find compromise in regulations on energy storage facilities Poland's Ministry of Economic Development and Technology (MRiT) and the Ministry of Climate and ...

India-UK Vision 2035: Nations to Deepen Collaboration on Energy Storage, Grid Transformation Under the India-UK Vision 2035, the two countries aim to drive ambitious energy security and ...

On July 17, Gotion High-Tech, a Chinese battery manufacturer, launched production of its 5MWh Gotion GRID energy storage system at its Göttingen, Germany facility, as announced on its ...

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