

The Clean Energy Frontier is a series of deeply reported stories from reporters around the world shining a light on the supply chains which produce clean energy technologies, such as batteries, EVs, solar panels and wind ...

CATL's breakthrough in lithium metal batteries doubles cycle life while achieving 500 Wh/kg energy density for electric vehicles. Scientists in China and Spain develop low-cost potassium and lithium battery innovations to ...

Energy Dome's CO2 Battery is a breakthrough in LDES, leveraging compressed carbon dioxide to store and release energy over 8-24 hours. Unlike lithium-ion or flow batteries, the CO2 Battery ...

Family forced to flee as lithium-ion battery fire engulfs Forrestfield, Perth home A family, including a one-year-old, was forced to flee their home in the dead of night as it became engulfed in ...

SPRING HILL, Tenn.- Ultium Cells LLC, a joint venture between General Motors and LG Energy Solution, will upgrade its Spring Hill, Tennessee battery cell manufacturing facility to scale ...

Lithium hydroxide followed a similar trajectory, with Fastmarkets analysts noting an 89 percent drop in prices for battery-grade lithium hydroxide monohydrate between 2022 and 2025. "The lithium ...

The battery plant will be built in West Java, while the remaining sub-projects will be in eastern Indonesia's nickel-rich province of North Maluku. Indonesia holds the world's largest nickel ...

SPRING HILL, Tenn. - Ultium Cells LLC, a joint venture between General Motors and LG Energy Solution, will upgrade its Spring Hill, Tennessee battery cell manufacturing facility to scale production of low-cost lithium iron phosphate ...

China's industrial regulator plans to launch a major document to guide the production capacity of lithium-ion batteries, which industry experts said will knock out a batch of low-end ...

A research team in South Korea has developed a breakthrough transfer printing technology that forms protective thin layers on lithium metal surfaces--an innovation poised to solve the long-standing dendrite issue plaguing next ...

China's lithium-ion battery industry logged rapid growth in the first half of 2022 as the country stepped up efforts to achieve its carbon peak and carbon neutrality goals, and the ...

Lithium batteries in the news

It will be the largest battery factory in Europe when production begins in 2025. According to data from the Ministry of Industry and Information Technology, in the first half of this year, China's lithium battery product exports ...

Bosses behind the UK's biggest electric vehicle (EV) battery plant said they had reached a "major milestone" in its construction. The first steel frames on the site at Puriton, near Bridgwater ...

While cost is always a factor for grid storage, the improved performance and lifespan of silicide batteries could make them viable for storing renewable energy more effectively. Anywhere we ...

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