

Singapore's Energy Future: Beyond Net-Zero and the Rise of Regional Power Grids Just 95% of Singapore's power currently comes from fossil fuels. That stark statistic, recently highlighted ...

On July 4, President Trump signed the "One Big Beautiful Bill." The bill makes steep cuts to solar energy and places new restrictions on energy tax credits that will slow the deployment of ...

Learn more about the innovative energy storage projects happening at NREL. NREL's electrochemical storage research ranges from materials discovery and development to advanced electrode design, cell evaluation, ...

Our mission is to advance the development and implementation of sustainable energy storage materials and technologies, focusing on the circular economy of electric vehicle (EV) batteries, bio-energy production, and green ...

The all-iron flow battery market is poised for significant growth, driven by increasing demand for sustainable and long-duration energy storage solutions. While precise market size figures for ...

This trend is further amplified by the growing adoption of energy storage systems (ESS) for grid stabilization and renewable energy integration. The market is witnessing significant ...

Drawing on a study of the lower reaches of the Nam Ou Basin in the Pak Ou and Nam Bak districts of Luang Prabang province in Laos, this paper explores how the social outcomes of a ...

The country expects to achieve fully market-oriented development of the power storage industry and independent research and development of core technologies and equipment by 2030. Answering the call, local governments ...

This includes the development of bio-based polymers, adhesives, and coatings that can compete with or surpass the performance of their petroleum-derived counterparts. Additionally, there is a growing focus on utilizing carbonyl ...

The sulfide-based solid electrolyte market is experiencing significant growth, driven by the increasing demand for safer and higher-performing batteries in electric vehicles (EVs) and ...

The challenge with Renewable Energy sources arises due to their varying nature with time, climate, season or geographic location. Energy Storage Systems (ESS) can be used for storing available energy from Renewable ...

The Monsoon Wind Power Project, developed by Monsoon Wind Power Company Limited, a Lao company owned by Impact Energy Asia Development Limited from Thailand, entails a wind power project with a ...

On June 30, 2025, construction began on the Chinese section of the China-Laos 500-kV power interconnection project, marking another significant step in bilateral cooperation following the ...

The sodium-ion rechargeable battery market is poised for significant growth, driven by increasing demand for sustainable and cost-effective energy storage solutions. While precise market sizing data is absent, considering the ...

VIENTIANE: Laos and Australia are stepping up efforts and reaffirming their commitment to boost trade, investment, and sustainable development, with several Australian companies already ...

The global Nickel Hydroxycarbonate market is experiencing robust growth, driven by increasing demand from the electric vehicle (EV) battery sector. Nickel Hydroxycarbonate is a crucial ...

The exploration of phenolphthalein's role in energy dissipative systems is in its early stages, with a growing market potential as energy efficiency becomes increasingly crucial. The technology is still emerging, with varying levels of ...

The Low-carbon and Smart-energy Innovation Park Solutions market is experiencing robust growth, driven by increasing global awareness of climate change and the urgent need for ...



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