

Emergency order increases grid stability and minimizes the risk of energy shortfalls in the Mid-Atlantic region of the United States.

The U.S. Department of Energy (DOE) today announced over \$320 million in investments to rapidly advance the Genesis Mission's artificial intelligence (AI) capabilities.

At SNEC 2025, multiple companies displayed sodium-ion battery storage systems, whose cost advantages and abundant resources align with large-scale storage needs.

Fiscal Year 2026 Budget Justification documents to support the Department of Energy Budget Request to Congress

With President Trump and Secretary Wright's leadership, the Energy Department has ushered in an unprecedented era of energy dominance, resulting in record energy production and ...

There are two main types of solar energy technologies--photovoltaics (PV) and concentrating solar-thermal power (CSP). On this page you'll find resources to learn what solar ...

Learn more about the advantages of wind energy, solar energy, bioenergy, geothermal energy, hydropower, and marine energy, and how the U.S. Department of Energy is working to modernize ...

Genesis Mission leverages the Department of Energy's unique scientific datasets--spanning more than 100 petabytes of experimental and simulation data across every major domain of science--to double ...

This article applies to all permanently installed energy storage systems (ESS) operating at over 50 volts ac or 60 volts dc that may be stand-alone or interactive with other electric power production sources.

As one of the largest global renewable energy exhibitions, SNEC 2025 saw strong international attendance, particularly from India, Europe, and North America. Notably, energy storage ...

SNEC 2025 marked a significant milestone in this journey, generating momentum that will drive WHES forward as it continues to pioneer ...

Developing faster, more accurate resource evaluation tools, and creating a new more powerful class of magnetic materials will enable America to unlock domestic reserves, strengthen ...

SNEC ES+ 2025 is a pivotal platform for energy storage, emphasizing two integrated ecosystems:

"Source-Grid-Load-Storage-Data-Carbon" and "PV-Storage-Charging-Hydrogen ...

Amid the trend toward larger energy storage power stations and increasing marketization, EVE Energy has built on its large-battery technology with the innovative 6.9MWh energy storage ...

The competition aims to build an open and collaborative platform to encourage global innovators to explore new scenarios, new models and new solutions for the integration of energy ...

At this conference, energy storage professionals and industry leaders will discuss the challenges and opportunities in the energy storage market, emphasizing the demand for efficient and ...

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