

In 2024, Germany spent about 1.1 billion euros on nuclear waste management, after the country shuttered its last commercial nuclear power plants in mid-2023. Some 860 million euros from ...

Nuclear and more: Fermi America and Texas Tech envision a behind-the-meter "hypergrid" that would "integrate the largest nuclear power complex in America, the nation's biggest combined-cycle natural gas project, utility grid power, ...

Nuclear power is increasingly seen as the next-generation source to support the energy demands of computing and AI infrastructure while boosting energy independence and decarbonizing at ...

Brenmiller Energy is making a strategic pivot to adapt its bGen(TM) thermal energy storage technology for the nuclear small modular reactor (SMR) market. This represents a calculated ...

On July 4, 2025, President Trump signed into law the One Big Beautiful Bill Act (H.R. 1 119th Congress) (OBBBA), which significantly changes the clean energy tax credit landscape established by the Biden administration pursuant to the ...

Energy industry veteran and Chief Executive Officer Avi Brenmiller explains how thermal energy storage can bridge the gap between safe, clean heat generation and real-world demand. TEL ...

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Nuclear: The bill preserves the dates by which new nuclear projects need to start construction in order to qualify for the IRA's major tax credits but creates some uncertainty around eligibility by ...

The most significant feature of the new micro nuclear energy system is the integration of heat storage with a heat pipe nuclear reactor. The heat storage component increases the thermal ...

The modernization of Reactor 1 within the Cernavod? nuclear power plant and the expansion of storage capacity for spent fuel have received environmental approval, according to energy ...

Following its approval by Congress, the One Big Beautiful Bill Act was signed by President Donald Trump on July 4, 2025. This Holland & Knight alert summarizes certain key proposals in the ...

The IAEA is the world's centre for cooperation in the nuclear field, promoting the safe, secure and peaceful use of nuclear technology. It works in a wide range of areas including energy generation, health, food and



Nuclear energy storage

agriculture ...

The results indicate that, with the intermediate heat storage, the micro nuclear energy system has better tolerance of the transient thermal shocks. The peak temperature in the core is reduced ...

Tech Companies test first-of-its-kind project using AI in nuclear development: "The quickest way to add new sources of affordable and abundant ... energy" Scientists have been making ...

Brenmiller Energy Ltd., a leading global provider of Thermal Energy Storage ("TES") solutions for industrial and utility customers, announced today it is developing a new version of its bGen(TM) ...

The power crisis is a dormant broader issue that encompasses societal trends and growing digital dependence, from more data storage to faster and more powerful compute needs. The energy ...

State law already allows temporary, high-level radioactive waste storage facilities within its borders -- an allowance coming into play as TerraPower builds a nuclear power generation facility outside Kemmerer in the southwest corner of ...



Nuclear energy storage

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