

New technology for solar heating and energy storage



Overview

Researchers at the University of California, Santa Barbara, have made a solar battery that can store and discharge heat energy under sunlight, setting the stage for a new kind of power generation and storage system without panels.

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[Comprehensive review of emerging trends in thermal energy storage](#)

Thermochemical energy storage (TCES) stands out as a highly promising thermal energy storage (TES) approach for concentrated solar power (CSP) due to its superior energy

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[Patriots coach Mike Vrabel responds after photos with New York](#)

New England Patriots head coach Mike Vrabel addressed recent photos that show him and New York Times and The Athletic NFL reporter Dianna Russini in bathing suits by a pool.



[6 dead, including 3 children, after helicopter plummets into Hudson](#)

Six people are dead after a helicopter crashed into the Hudson River near New York City on Thursday.

[Manhunt on after suspect allegedly shoots at family, officer in New](#)

A shelter-in-place order was issued in Raymond, New Hampshire, as police search for a suspect who allegedly shot at family members and wounded an officer.



[New study reveals America's most and least stressed states](#), [Fox News](#)

A new WalletHub study ranks Louisiana as the most stressed U.S. state in 2026, citing poverty, limited health care access and high unemployment rates.

[Solar thermal energy storage: global challenges, innovations, and](#)

This review has provided a roadmap toward the advancements of thermal energy storage technologies by synthesizing fragmented research into actionable recommendations toward material



[New Hampshire shooting suspect killed in gunfight after wounding](#)

New Hampshire New Hampshire suspect who shot officer and triggered massive manhunt killed in police gunfight Officials located Matthew J. Masse, 38, hours after a shelter-in-place order

[Scientists make breakthrough with 'liquid' battery that could replace](#)

Researchers at the University of California, Santa Barbara, have made a solar battery that can store and discharge heat energy under sunlight, setting the stage for a new kind of power





[New molecular tech revolutionizes solar heat storage](#)

A new, molecular-scale breakthrough could unlock a new path to long-term solar energy storage for heating homes and providing hot water - without a conventional battery in the equation.



[New Jersey middle school teacher charged with child sexual assault](#)

A former New Jersey middle school teacher faces multiple charges after allegedly engaging in a sexual relationship with a student in 2021.

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[Trump says he's hearing Iran's new supreme leader 'not alive'](#)

Trump demands Iran 'surrender,' says he's hearing new leader 'not alive' Gulf countries neighboring Iran have reported new attacks Sunday morning, a day after the regime accused the



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