

# Science and Technology Innovation Board New Energy and Efficient Energy Storage

## Applications



Electric motorcycle



Electric Forklift



Electric Boat



Golf Cart



RV



Audio Equipment



Solar Street Light



Household Energy Storage



Energy Storage System



## Overview

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The Division advances research to identify safe, low-cost, and earth-abundant elements for cost-effective long-duration energy storage. OE's development of innovative tools improves storage reliability and safety, analysis, and performance validation.

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### All Stories

Space Artemis II ends its historic lunar journey  
After looping around the moon, the Artemis II crew - and their capsule's heat shield - passed the mission's final major test: coming home.

### All Topics

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[Energy storage technologies: An integrated survey of developments](#)

The development of energy storage technology has been classified into electromechanical, mechanical, electromagnetic, thermodynamics, chemical, and hybrid methods.

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**News , Science News**

Health & Medicine New mutations help the H5N1 bird flu virus infect cows but not people The findings show how the H5N1 bird flu virus is evolving in livestock and what that may mean for



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Science News features daily news articles, feature stories, reviews and more in all disciplines of science, as well as Science News magazine archives back to 1924.

**Energy Technology , NSF**

Supports fundamental engineering research that will enable innovative processes involving electrochemistry or photochemistry for energy storage or for the



[Energy Storage , Energy Technologies Area](#)

By carrying out early-stage research and rapid technology validation, the Energy Technologies



Area (ETA) is working to accelerate the industry's ability to adopt

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As cities and industries move towards sustainable practices, the demand for these energy storage solutions is poised to increase, making these

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