

Accelerate new energy storage





Overview

How can energy storage technology improve resiliency?

This FOA supports large-scale demonstration and deployment of storage technologies that will provide resiliency to critical facilities and infrastructure. Projects will show the ability of energy storage technologies to provide dependable supply of energy as back up generation during a grid outage or other emergency event.

Why should we invest in energy storage?

The SRM cites the underlying motivation for investment in energy storage as ensuring “that the American people will have the resources needed, when needed.” “1. To facilitate safe, beneficial, and timely deployment of energy storage technologies and accelerate the development of new technologies that address current and emerging consumer needs.

Are batteries the future of energy storage?

Developments in batteries and other energy storage technology have accelerated to a seemingly head-spinning pace recently — even for the scientists, investors, and business leaders at the forefront of the industry. After all, just two decades ago, batteries were widely believed to be destined for use only in small objects like laptops and watches.

Can energy storage solve intermittency issues?

According to Robert Piconi, Chief Executive Officer of Energy Vault, “With clean energy rapidly gaining momentum, we are seeing heightened demand for energy storage infrastructure to solve for intermittency issues. There is no one-size-fits-all solution as far as energy storage is concerned.

Are lithium-ion batteries a viable energy storage option?

The cost of lithium-ion batteries has dropped more than 90% over the last decade; 2024 saw a 40% drop in costs. The prices of battery cells are



expected to continue this downward trend in the coming years, making it even more attractive as an energy storage option for end-use deployments.

What does OE's new RD&D report mean for energy storage?

New Report Showcases Innovation to Advance Long Duration Energy Storage (LDES): OE today released its new report “Achieving the Promise of Low Cost LDES.” This report is one example of OE’s pioneering RD&D work to advance the next generation of energy storage technologies.



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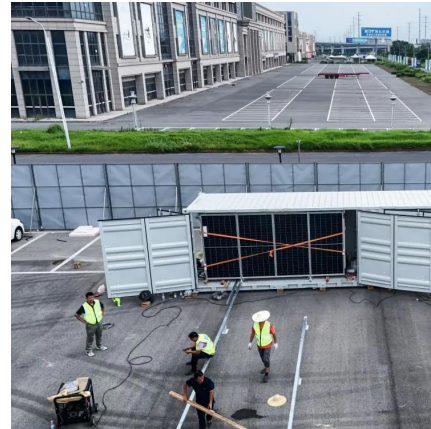
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[NEWS: Google partners with SRP to accelerate long-duration energy](#)

Google and Salt River Project are partnering to find out if long-duration energy storage can finally scale. (PBJ) Google will help pay for and evaluate SRP's pilot projects, focusing on non-lithium



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