



You Pumped Energy Storage New Energy Company





Overview

This is an innovative long duration energy storage solution designed to operate at sea using gravity and saturated brine. Announced in October 2025, the company says its system has already passed wave-basin testing and is now moving toward sea trials off Reggio Calabria, Italy. Support CleanTechnica's work through a Substack subscription or on Stripe. Or support our. Rigorous tests confirm offshore pumped hydro system can operate reliably in harsh ocean environments ahead of pilot in the Mediterranean Sea Sizable Energy successfully confirmed that its ocean energy storage system can operate reliably in harsh ocean environments in the wave basin at the Maritime. Sizable Energy raised \$ 8M to build a demonstration plant that stores energy for long durations by pumping brine between inflatable reservoirs in the sea. Sizable Energy set up its aquatic, gravity-based storage device at a test facility in the Netherlands in September to prove it can withstand. Home » Energy » Hydropower » Offshore Pumped Hydro Energy Storage Startup Sizable Secures \$8 Million to Launch New Technology Sizable Energy, a climate-tech startup headquartered in Milan and Palo Alto, has raised US \$8 million for the development of its offshore pumped-hydro storage system. Pumped storage hydropower facilities rely on two reservoirs at.



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[Offshore Pumped Hydro Energy Storage Startup Sizable Secures \\$8 ...](#)

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[Pumped Storage Hydropower , Water Research , NLR](#)

Pumped Storage Hydropower NLR experts are developing tools and partnering with industry to unlock the full potential of pumped storage hydropower (PSH)--a form of hydropower used to generate electricity, store ...



[This startup raised \\$8M to store clean energy under the sea](#)

Ocean energy storage startup Sizable Energy just raised \$8 million to bring its long-duration offshore pumped hydro system to market. The round was led by Playground Global, with backing from

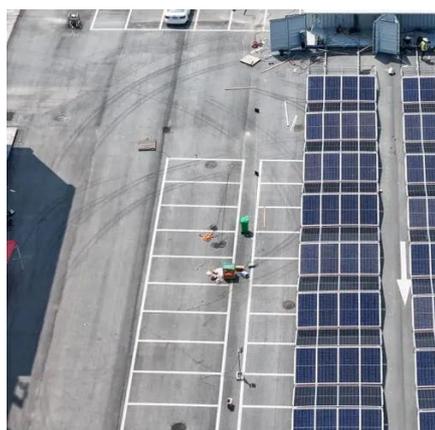
[This startup wants to build pumped hydro storage in the ocean](#)

(Sizable Energy) The ocean has beckoned to legions of energy entrepreneurs before dashing their hopes against the rocks. Now a new company is heeding the siren call -- but with a twist. Italy's ...



Pumped hydro systems could help solve the challenge of renewable energy

Pumped hydro systems require two reservoirs of water - one higher in elevation than the other. When solar and wind energy are plentiful, that power can be used to pump water from the lower to the upper ...



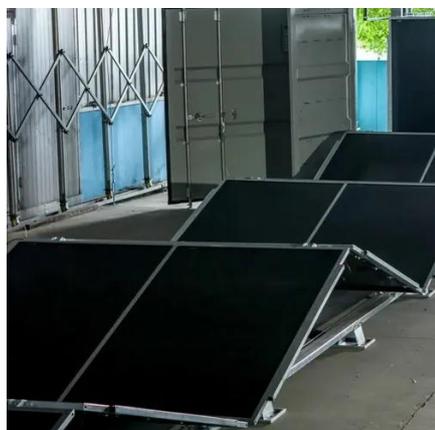
Pumped Storage , GE Vernova

With higher needs for storage and grid support services, Pumped Hydro Storage is the natural large-scale energy storage solution. It provides all services from reactive power support to frequency control, ...



[Pumped Up: Everything You Need to Know About Hydropower Energy Storage](#)

The World's Largest Battery You've Never Heard Of Hydropower energy storage, or pumped-storage hydropower (PSH), is the world's largest and oldest form of grid-scale energy storage.



[New Pumped Hydro Energy Storage System Needs No Mountains](#)



A UK startup has developed a new, compact pumped hydro energy storage system that uses lower elevations and sloping hills.



[Sizable Energy Raises \\$8 Million to Launch Ocean-Based Energy Storage](#)

Sizable Energy raised \$8M led by Playground to commercialize its gigawatt-scale ocean energy storage using gravity and brine in a pumped hydro system.

[Pumped Hydro Energy Storage Is Having a Renaissance](#)

It's a new take on an old energy-storage technology currently experiencing a renaissance: pumped hydro.





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<https://www.iwap.com.pl>

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