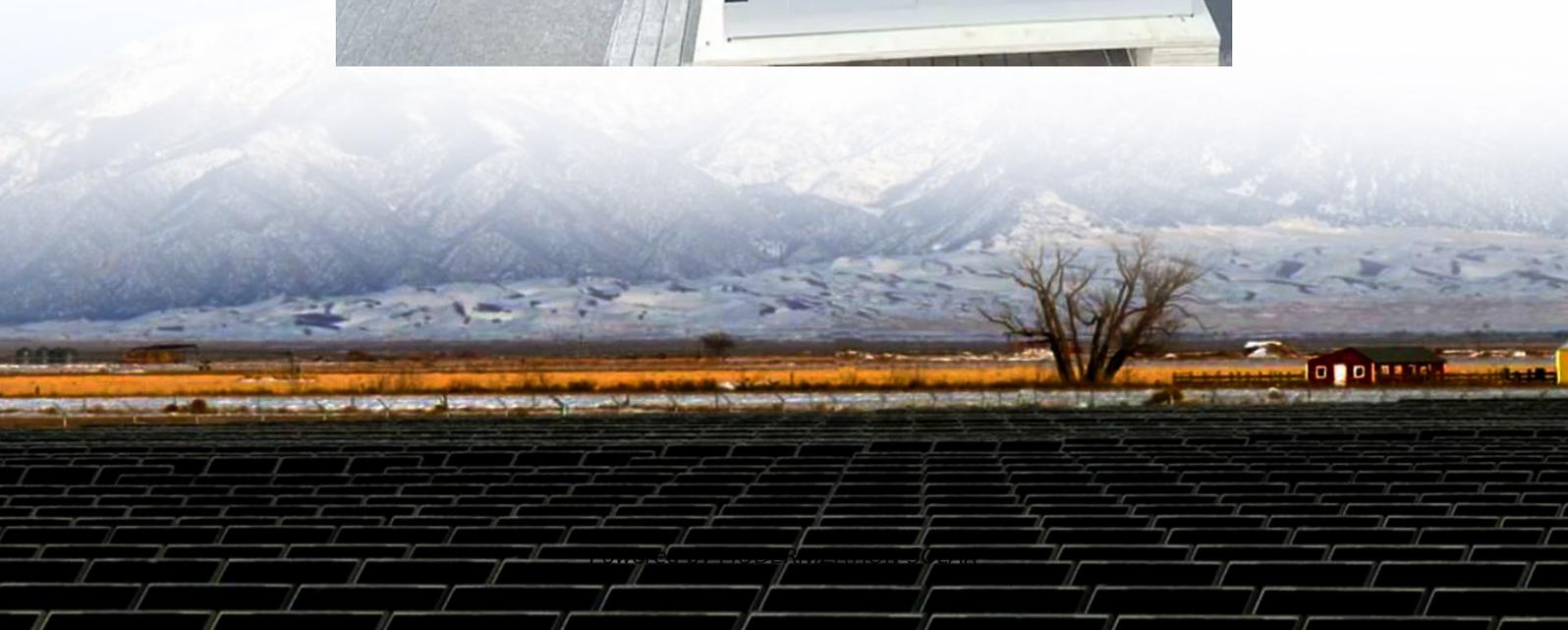


The world s first wind power storage





Overview

Where is the world's first wind-powered underwater data center located?

China has finished construction of what's being billed as the world's first wind-powered underwater data center (UDC), located off the coast of the Lin-gang Special Area of China (Shanghai) Pilot Free Trade Zone.

What is China's wind-powered underwater data center?

Explore China's innovative wind-powered underwater data center off Shanghai. This sustainable facility drastically cuts energy, water, and land use for AI, 5G, and IoT applications.

Where is China's first offshore wind power plant located?

The Lin-gang Special Area build, about 47 miles (75 km) southeast of central Shanghai, is the first to employ offshore wind power generation, combining renewable energy with subsea cooling on such a large commercial scale.

How much does a wind power project cost?

The project, which cost around ¥1.6 billion (US\$226 million), marks a bold step in sustainable, high-performance computing infrastructure. The ambitious project combines offshore wind power, which supplies more than 95% of the facility's electricity, with a naturally cooled seabed environment to cut energy and land use.



The world's first wind power storage



[The World's First Wind Power Storage: Revolutionizing ...](#)

Why Wind Power Storage Changes Everything
Imagine storing wind energy like saving money in a bank - that's exactly what the world's first wind power storage system achieves. As ...

[Shanghai Launches World's First Wind-Powered Underwater ...](#)

Jun 10, 2025 · Shanghai launches the world's first wind-powered underwater data center in Lin-gang, integrating offshore wind energy and seawater cooling for a zero-carbon, AI-ready green ...



[Shanghai debuts world's first wind-powered ...](#)

Jun 10, 2025 · China has taken another bold step towards green computing infrastructure with the official launch of the world's first commercial ...



[China's Wind-Powered Underwater Data Center: A ...](#)

Oct 22, 2025 · China has finished construction of what's being billed as the world's first wind-powered underwater data center (UDC), located off the coast of the Lin-gang Special Area of ...



[China completes construction of world's first wind-powered ...](#)

Oct 21, 2025 · China has completed the construction of the world's first wind-powered underwater data center (UDC) project in east China's Shanghai Municipality on Tuesday, setting a ...



[Launch of the World's First Wind-Powered Underwater Data ...](#)

Dec 1, 2025 · On June 10, officials in Shanghai announced the launch of the world's first commercial underwater data center (UDC) project powered by renewable energy sourced from ...



[The World's Largest Wind Energy Storage Project: Powering ...](#)

Jul 15, 2023 · Why the World's Largest Wind Energy Storage Project Matters Now Imagine a wind farm so advanced that it not only generates clean electricity but also stores enough energy to ...





[Shanghai Launches World's First Wind ...](#)

Jun 10, 2025 · Shanghai launches the world's first wind-powered underwater data center in Ling-gang, integrating offshore wind energy and seawater ...

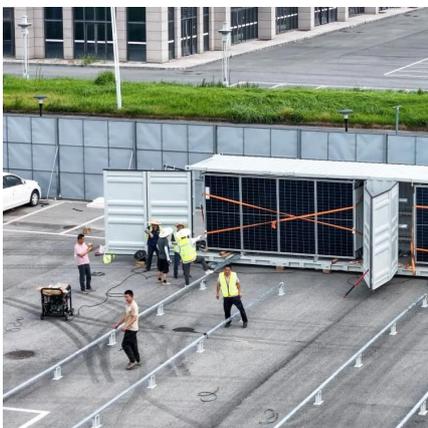
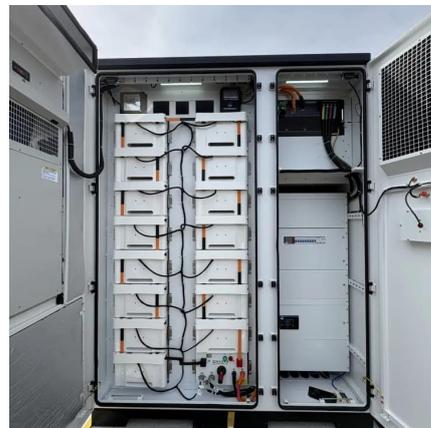


[China completes world's first wind-powered underwater data ...](#)

Oct 24, 2025 · China has just completed the construction of the world's first wind-powered underwater data center in Shanghai.

Zhiguang Energy Storage Powers World's First Wind Farm for Power ...

The project, completed in December 2023, was a collaboration between CGDG, Zhiguang Energy Storage, and Shanghai Jiao Tong University. The technical team successfully conducted tests ...



[Shanghai debuts world's first wind-powered underwater ...](#)

Jun 10, 2025 · China has taken another bold step towards green computing infrastructure with the official launch of the world's first commercial underwater data center (UDC) project powered by ...



[World's first wind-powered commercial underwater data ...](#)

Jun 11, 2025 · World's first wind-powered commercial underwater data center project launched in Shanghai Xinhua , June 11, 2025 [Photo/IC] China has taken another bold step toward green ...



Contact Us

For technical specifications, project proposals, or partnership inquiries, please visit:
<https://www.meble-decorator.pl>

Scan QR Code for More Information



<https://www.meble-decorator.pl>