
The world's first wind power storage

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.

Shanghai, China -- In a groundbreaking move towards sustainable technology, Shanghai has unveiled the world's first ...

The development of clean energy in Yantai boasts eight notable "firsts": producing Shandong's first kilowatt-hour of nuclear power and first kilowatt-hour of offshore ...

The signing ceremony for the Shanghai Lingang Wind Power Subsea Data Center project was held in Shanghai. CCCC Third Harbor Engineering Co., Ltd. signed an ecological ...

LHASA -- China has achieved another breakthrough in wind power development at ultra-high altitudes, with the world's highest wind ...

The Oumatingga wind power project, comprising 25 turbines with a total installed capacity of 100 megawatts, stands as a landmark achievement that demonstrates the region's ...

The world's first 300-MW compressed air energy storage (CAES) demonstration plant has been connected to the grid, operating at ...

LHASA, Dec. 11 (Xinhua) -- China has achieved another breakthrough in wind power development at ultra-high altitudes, with the world's highest ...

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

The signing ceremony for the Shanghai Lingang Wind Power Subsea Data Center project was held in Shanghai. CCCC Third Harbor ...

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 ...

Due to the stochastic nature of wind, electric power generated by wind turbines is highly erratic and may affect both the power quality and the planning of power systems. ...

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 ...

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