

Solar Storage Container Solutions

The first floating wind power generation system



Overview

The world's first wind-fishery integrated floating platform "Guoneng Shared", developed by China Longyuan Power Group Corporation Limited, a subsidiary of China Energy Investment Corporation Co., Ltd. (CHN Energy), successfully passed acceptance review in Beijing. Who built China's first deep-sea floating wind power platform?

BEIJING, Jan. 3 -- China's first deep-sea floating wind power platform, invested in and built by the China National Offshore Oil Corporation (CNOOC), has completed its floating body assembly, Tuesday's edition of Science and Technology Daily reported.

Where did the first US floating wind turbine launch?

"First US Floating Wind Turbine Launches In Maine". EarthTechling. Retrieved 2 December 2013. ^ Russo, Gene (2014). "Renewable energy: Wind power tests the waters". Nature News & Comment. 513 (7519): 478–480. Bibcode: 2014Natur.513.478R. doi: 10.1038/513478a. PMID 25254459. S2CID 4389285. ^ "VolturnUS 1:8".

Is Hywind the world's first floating wind turbine?

"Speech: Opening of Hywind – the world's first full-scale floating wind turbine". Norway Ministry of Petroleum and Energy. Retrieved 21 October 2009. ^ Nilsen, Jannicke. Statoil wants Hywind in Japan Teknisk Ukeblad, 4 April 2011. Accessed: 4 April 2011 ^ "Floating wind-powered water injection". Offshore Wind. 25 November 2016.

What is the world's first floating windfarm?

The world's first floating windfarm, a 30 megawatt facility run by the Norwegian company Equinor, has only been in operation since 2017 but has already broken UK records for energy output.

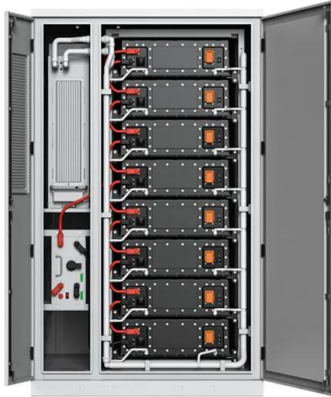
Can a floating turbine generate power like an airship?

China is getting ready for the flight test of an airborne power generation system, which looks like an airship, and generates power like a turbine. The research team behind the project says that it is the world's first megawatt-level floating turbine.

How can floating wind power be used?

Li Nan, a senior researcher with the CNOOC, said that floating wind power has broad application prospects. It can be used not only for local consumption and power supply for offshore facilities, but also to develop marine pastures, seawater hydrogen production, marine tourism and marine mineral resources.

The first floating wind power generation system



World's first megawatt-level 'windmill' airship set to

20 hours ago · S1500 floating turbine The new system made by the company is S1500, with 1MW energy generation capacity. Weng added that its output is equivalent to a traditional 328-foot ...

World's First Wind-Fishery Integrated Floating Platform ...

Apr 29, 2025 · The world's first wind-fishery integrated floating platform "Guoneng Shared", developed by China Longyuan Power Group Corporation Limited, a subsidiary of China ...



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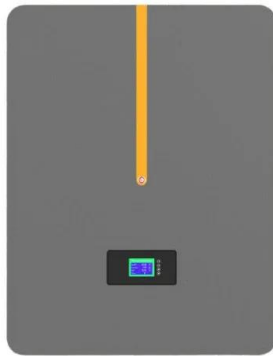
World's most powerful direct-drive floating wind turbine ...

Jul 14, 2025 · The project's research and development team made technological breakthroughs in floating wind power system coupling simulation technology and high-fidelity model testing ...

World's First Wind-Fishery Integrated Floating Platform ...

Apr 29, 2025 · This success has created a new model of coordinated development, combining "green power" and "blue granary," where wind power supports aquaculture, and aquaculture ...

Our Lifepo4 batteries can be connected in parallel and in series for larger capacity and voltage.



China's new floating wind power tech may rival traditional ...

1 day ago · The floating wind power generation system resembles an airship and is being held up as a possible power solution for remote locations and disaster zones where conventional ...

????|???????? deep-sea
floating ...

Jan 5, 2023 · ??????????????????????????????????????
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Evolution of floating offshore wind platforms: A review of at

Sep 1, 2023 · Fig. 1 shows the historical (dark blue) and projected (light blue) global capacity of floating wind, as well as the breakdown of current and projected capacity by country. The first ...

Overview of the development of offshore wind power generation ...

Oct 1, 2022 · Offshore wind power generation has gained continuous attention and has been developed rapidly in China, because of its huge potential to drive the energy transition ...



Development and performance evaluation of a novel wind generation

Feb 15, 2023 · The Wind Generation System (WGS) is an essential piece of equipment for the model test of the Floating Wind Turbine (FWT) in integrated wind & wave environment. With ...

World's most powerful direct-drive floating wind turbine ...

6 days ago · Floating wind power generation technology and solutions are set to further unlock the potential of deep-water wind energy, according to GWEC. By the end of 2024, the global ...



Applications



World's most powerful direct-drive floating wind turbine ...

6 days ago · The project's research and development team made technological breakthroughs in floating wind power system coupling simulation technology and high-fidelity model testing ...

Construction milestone for China's first deep-sea floating wind power

Jan 3, 2023 · China's first deep-sea floating wind power platform, invested in and built by the China National Offshore Oil Corporation (CNOOC), has completed its floating body assembly, ...



China pioneers deep-sea wind energy with record-breaking floating ...

Jul 24, 2024 · China is harnessing its abundant deep-sea wind energy potential, with groundbreaking floating wind power projects increasingly taking center stage as shallow sea ...

World's most powerful direct-drive floating wind turbine

Jul 13, 2025 · Floating wind power generation technology and solutions are set to further unlock the potential of deep-water wind energy, according to GWEC. By the end of 2024, the global ...



China's first floating offshore wind power platform, SAN XIA ...

Dec 7, 2021 · China's first floating offshore wind power platform, SAN XIA YIN LING, surveyed by CCS, was successfully connected to the grid for power generation.

Japanese Floating Wind Turbine Put Into Operation

Jun 6, 2019 · Japan's New Energy and Industrial Technology Development Organization (NEDO) has held an opening ceremony in Kitakyushu City to commemorate the start of demonstration ...



Kitakyushu next generation floating wind turbine system

A significant part of this project involves the demonstration of a next-generation floating wind turbine system. In 2019, a floating offshore wind power generation system using the Hibiki ...

China's first floating wind turbine commissioned ...

4 days ago · Hitachi Energy has developed and supplied first-of-its-kind Vacuum-Cast-Coil (VCC) dry-type transformer that is specially designed for floating, off ...



FLEXIBLE SETTING OF MULTIPLE WORKING MODES



China's first floating wind turbine commissioned ...

4 days ago · This unique transformer by Hitachi Energy has been installed in China's first floating wind turbine called 'Sanxia Yinling Hao' (Three Gorges ...

China's first deep-sea floating wind farm connected to power

...

China's first deep-sea floating wind power platform, named Haiyou Guanlan, was connected to the power grid of an offshore oilfield group in Wenchang, south China's Hainan province on May ...



Nation makes leaps with floating wave energy

Jun 16, 2023 · The development of the nation's offshore renewable energy made a leap forward on Wednesday as the country's first independently developed megawatt-scale floating wave ...

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