

European Solar and Energy Storage Solutions

Fuyao Electric Power Wind Power Generation Project



Overview

What is Fuyao wind power?

“FuYao” has the largest capacity of floating turbines in China, a simple floating structure, and boasts high reliability in its mooring and anchoring system. About CSSC Haizhuang Windpower.

What is China's first deep-sea floating wind power equipment 'Fuyao'?

China's first deep-sea floating wind power equipment "Fuyao" was towed in Maoming, south China's Guangdong Province on Sunday. It will be tested in Luodousha sea area where the average water depth is 65 meters. "Fuyao" wind turbine is equipped with 6.2 megawatt typhoon-resistant wind power generating units. (Xinhua/Liu Dawei).

Where is Fuyao floating wind power equipment located?

Aerial photo taken on May 27, 2022 shows a deep-sea floating wind power equipment “Fuyao” in Maoming, south China’s Guangdong Province. Photo: Xinhua Aerial photo taken on May 27, 2022 shows a deep-sea floating wind power equipment “Fuyao” in Maoming, south China’s Guangdong Province. Photo: Xinhua.

What is Fuyao project?

The successful research and implementation of the FuYao project promotes the development of the Chinese large-gigawatt floating wind turbine with integrated design and application verification, which is a monumental step towards China’s exploration of deep-sea energy resources.

How big is Fuyao floating platform?

The Fuyao floating platform has a total length of 236 feet, a depth of 108 feet, and a width of 262 feet. It is equipped with a 6.2MW anti-typhoon type wind turbine developed by China Ocean Construction. The tower height is over 250 feet. The total weight of the floating body and the unit exceeds 4,000 tons.

Is China launching a floating wind turbine?

The project is not the first in China for floating wind turbines. Last year, China deployed a 5.5 MW floating wind turbine as an earlier demonstration of floating technology. The center hub of the turbine stands over 300 feet above the sea and each blade is over 240 feet long

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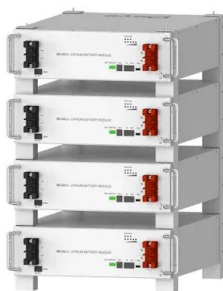


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Video: China Floats Out Its Largest Floating Wind Turbine

The Fuyao floating platform has a total length of 236 feet, a depth of 108 feet, and a width of 262 feet. It is equipped with a 6.2MW anti-typhoon type wind turbine developed by China Ocean



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Installation of Fuyao, China's Largest Floating Wind ...

Fuyao, China's largest floating wind turbine has been towed to its destination in waters south of Guangdong Province by China State Shipbuilding Corporation (CSSC). The Fuyao floater, designed by CSSC subsidiary Haizhuang Wind ...

Wind Power Plant: Diagram, Parts, Working

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Wind Power Plant

What is a Wind Power Plant? A wind power plant is also known as a wind farm or wind turbine. A wind power plant is a renewable source of electrical energy. The wind turbine is designed to use the speed and power of wind and convert it

...



GLOBALink , China's first deep-sea floating wind ...

"Fuyao" wind turbine is equipped with 6.2 megawatt typhoon-resistant wind power generating units. Aerial photo taken on May 29, 2022 shows China's first deep-sea floating wind power equipment "Fuyao" being towed ...



China's first deep-sea floating wind turbine "Fuyao" ...

China's first deep-sea floating wind turbine "Fuyao" towed in Guangdong. At the end of last week, China deployed its largest floating wind turbine as part of a project designed to advance the technology and ...



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"Fu Yao" Rises into the sky, chasing the deep sea

On 27 May 2022, the first Chinese deep-sea floating offshore wind (FOW) turbine, "Fu Yao", was successfully towed. The turbine - independently researched and designed by CSSC Haizhuang Windpower - marks a crucial milestone in the ...



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