



Nankun Solar Power Generation

In 2023, China's independently developed floating wave energy power generation device "Nankun" was put into trial operation. This is China's first and the world's first megawatt-class ...

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 energy ...

Weighing in at a colossal 6,000 metric tons, Nankun can generate up to 24,000 kWh of electricity per day--enough to power roughly 3,500 households--and marks a milestone in scaling ...

Solar panels are also fitted on the structure to generate additional electricity. Nankun is presently deployed off the coast of the city of Zhuhai in Guangdong province where it will undergo ...

A mobile offshore power station named "Nankun" entered the trial operation stage . This is China's first floating wave energy power generation equipment with megawatt-level capabilities.

Specifically, the structure can generate 24,000 kWh of electricity per day under full load conditions, and this can provide enough green power for about 3,500 households.

The structure consists of a power generation platform, a hydraulic system, a monitoring system, and an anchor chain system that will allow it to be deployed in water depths of between 30 and 100 metres.

An innovative multi-absorber 1 MW wave energy converter (WEC), Nankun, is proposed for efficient wave energy extraction. It comprises a semi-submersible floating platform, a wave energy ...



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