



Qingda Aopu Solar Power Generation System





Overview

The floating power station, built in coastal waters by Sinopec Qingdao Refining & Chemical, spans about 60,000 square meters and has an installed capacity of 7. The solar panels rise and fall with the tide, generating energy from the ocean's surface. China has launched a fully seawater-based solar energy system – the first of its kind suitable for industrial use and large-scale power production – as part of broader efforts to expand renewables in coastal regions, boost the maritime economy and drive industrial innovation. SP Group's partnership with Qingdao Daneng Environmental Protection Equipment Co. An aerial drone photo taken on July 3, 2025 shows an offshore integrated fishery and photovoltaic project in Aoshan Bay of Jimo District, Qingdao, east China's Shandong Province. Covering an area of about 60,000. The booth of SP Group during an expo in Shanghai in 2022. The project will deploy solar. China Petroleum & Chemical Corporation (Sinopec), together with Shandong Province and Qingdao Municipality, has commenced operations of China's first commercial floating offshore photovoltaic (PV) project in a full-seawater environment. According to Sinopec, the project integrates a previously.



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SP Group partners Chinese environmental company to build 90MW

NATIONAL grid operator SP Group is partnering Qingda Environment, a Chinese company providing environmental technology solutions, to invest and build a 90-Megawatt (MW) ...

Sinopec launches first floating offshore solar plant in China's

China Petroleum & Chemical Corporation (Sinopec), together with Shandong Province and Qingdao Municipality, has commenced operations of China's first commercial floating offshore ...



Qingdao Aquavoltaic System

The project is expected to produce 162 million kilowatt-hours of green electricity annually, while reducing carbon emissions by 160,000 tonnes. To enhance Qingdao's sustainability journey, we can maximise ...

1st phase of integrated fishery, photovoltaic project starts generating

The first phase of an integrated fishery and photovoltaic project has started generating electricity off the coast of Qingdao. This offshore solar facility combines clean energy generation



with ...



China launches first offshore floating PV project in Qingdao

China's first floating solar power project operating entirely in a seawater environment has officially been completed and put into use in Qingdao City, east China's Shandong Province, ...

Singaporean energy company partners with Chinese company to build

The project will deploy solar photovoltaic panels across 300 acres of aquafarms in Qingdao city in Shandong province, and is on track to be connected to the grid by the end of the year.



[Liangshan County Qingda Aopu Solar Power Factory](#)

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Qingtuo Solar Power Generation



Qingdao Power World Co., Ltd. is a professional manufacturer of solar panels, solar power systems and solar lights. Power World is dedicated to the design, development, manufacture,



China Launches First Offshore Floating Solar Farm in Qingdao

China has inaugurated its first offshore floating solar power plant in Qingdao, Shandong Province, marking a milestone in renewable energy innovation.

Solar energy milestone: China taps the ocean in breakthrough for

Located in Qingdao, Shandong province, the floating solar station builds upon another offshore photovoltaic power generation project launched in late May. Together, they form the largest





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