

# Bohai Oilfield Photovoltaic Energy Storage

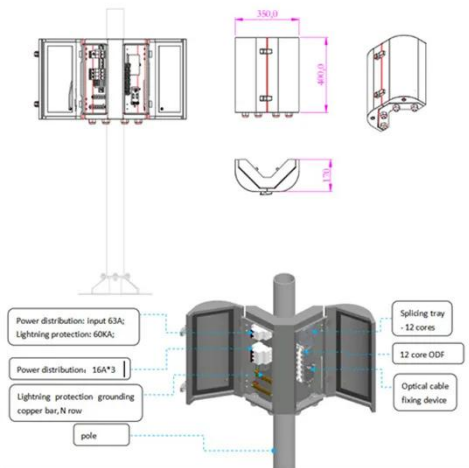


## Overview

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China's largest tidal flat photovoltaic (PV) energy storage station, constructed by China Huadian Corporation Ltd., has officially commenced operations on the salt-alkali tidal flats of the shores of Bohai Bay. 8 GW offshore PV plan in Changli, China's Hebei province, is set to become a model for large-scale marine solar development, with completion targeted by mid-2026. China's largest tidal flat photovoltaic (PV) energy storage station, constructed by Chinese state-owned oil and gas giant China National Offshore Oil Corporation (CNOOC) has tucked another milestone under its belt by switching the production mode on at an oilfield project in Bohai Bay, which is expected to boost its oil arsenal while taking advantage of carbon capture. On May 6, according to CNOOC Tianjin Branch, the distributed photovoltaic project of Suizhong 36-1 Crude Oil Terminal Plant was connected to the grid for power generation, marking the completion of the first megawatt-level solar energy system power generation project in Bohai Oilfield. The first phase of Bozhong 26-6. Fluor was selected by ConocoPhillips China, Inc.

## Bohai Oilfield Photovoltaic Energy Storage

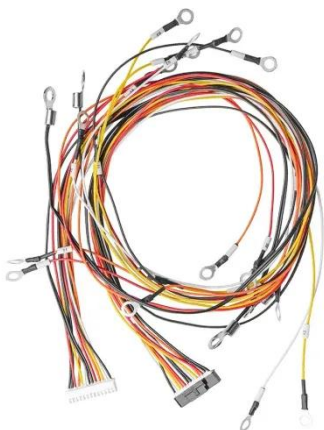


### China building 1.8 GW offshore PV project in Bohai Sea

With ample shoreline resources, high solar irradiation, and proximity to load centres along the eastern seaboard, offshore PV is viewed as one of the most promising paths for clean ...

### Bozhong 26-6 oilfield begins production in Bohai Bay

Located in central Bohai Bay with an average water depth of about 20 meters, the project boasts cumulative proven oil and gas reserves exceeding 200 million cubic meters.



### CNOOC Starts Production at Offshore Oil Field Equipped with CCUS ...

China's state-owned oil and gas firm China National Offshore Oil Corporation (CNOOC) has brought on stream the first phase of Bozhong 26-6 oil field development project in Bohai Bay, ...

## CNOOC Advances Green and Innovative Transition

In Bohai Bay, home to China's largest crude oil production base, the Bohai Oilfield, one construction is in full swing on a shore power project that represents a significant shift in the energy ...



## China's Largest Tidal Flat PV Energy Storage Station Begins Operation

China's largest tidal flat photovoltaic (PV) energy storage station, constructed by China Huadian Corporation Ltd., has officially commenced operations on the salt-alkali tidal flats of the ...

## CNOOC begins production in oilfield in China's Bohai Sea

China's state-owned oil and gas firm China National Offshore Oil Corporation (CNOOC) has brought on stream the first phase of Bozhong 26-6 oil field development project in Bohai Bay, ...



## Bohai New Energy (Hefei) Co., LTD

Photovoltaic microgrids are deployed in



oilfield operation areas to supply power to oil production equipment and monitoring systems, reduce dependence on diesel generators, reduce production ...

### 'World's largest metamorphic buried hill oilfield' comes online three

Located in central Bohai Bay, within an average water depth of approximately 20 meters, the project's main production facilities encompass a new central processing platform and an ...



### The first megawatt-scale photovoltaic power generation project in Bohai

On May 6, according to CNOOC Tianjin Branch, the distributed photovoltaic project of Suizhong 36-1 Crude Oil Terminal Plant was connected to the grid for power generation, marking the ...

### 'World's largest metamorphic buried hill oilfield' ...

Located in central Bohai Bay, within an average water depth ...



## **Bohai Phases I & II Offshore Development Project, China**

The full field development project included six remote wellhead platforms, central riser/utilities platform, a soft yoke mooring tower and a double-hull floating production storage and offloading (FPSO) system ...

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