



EQACC SOLAR

# Bergen Power Storage Project in Norway



## Overview

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What is Northern Lights CO2 transport & storage?

Northern Lights CO2 transport and storage facility, a joint venture (JV) of energy majors Shell, Equinor, and TotalEnergies, has been completed, marking “an important milestone for the global development of a business model for carbon capture, transport, and storage”. The Northern Lights CCS facilities at Øygarden outside of Bergen.

How much storage does the Northern Lights CCS project have?

The Northern Lights CCS project off the coast of Norway has enough storage for the equivalent of 750,000 car emissions every year in the first phase. Equinor’s Smeaheia storage site, located to the south of Northern Lights, has the potential to increase storage capacity many times over.

What is the world's first cross-border CO2 transport and storage facility?

What is described as the world's first cross-border CO2 transport and storage facility is completed and “ready to receive and store CO2.” Northern Lights carbon dioxide transport and storage facilities at Øygarden outside Bergen (Photo: Northern Lights).

How much CO2 can a northern Pioneer transport?

In February, the Northern Lights JV announced the arrival of the Northern Pioneer in Stavanger. One of four sister vessels custom-designed for shipping liquid CO<sub>2</sub>, it will be capable of transporting 8,000 tonnes of liquid CO<sub>2</sub> between customer facilities and the receiving terminal.

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### Ingenious underwater energy storage system

General - Storage System Norwegian researchers have demonstrated an ingenious underwater energy storage system that uses ...

## The Northern Lights project

Equinor, Shell and Total are investing in the Northern Lights project, Norway's first licence for CO2 storage on the NCS and a part of the Longship CCS project.



### Northern Lights: 'World's first' cross-border CO2 transport and storage

The Northern Lights CCS facilities at Øygarden outside of Bergen. Photo: Northern Lights The official opening ceremony of the CO2 transport and storage facility in Øygarden, ...

## Equinor's Northern Lights CO2 Transport, Storage Facility Opens in

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## Norway

The Norwegian Minister of Energy officially opened the Northern Lights CO<sub>2</sub> transport and storage facility in Øygarden, near Bergen, Norway. The Northern Lights facility is ...



## Northern Lights To Begin First Carbon Storage Operations In ...

Norway-based carbon capture, transport, and storage (CCS) initiative Northern Lights has announced that it will start its first CO<sub>2</sub> storage operations in early 2025. On ...

## Phase 2 of Northern Lights CCS Project Gets Green Light

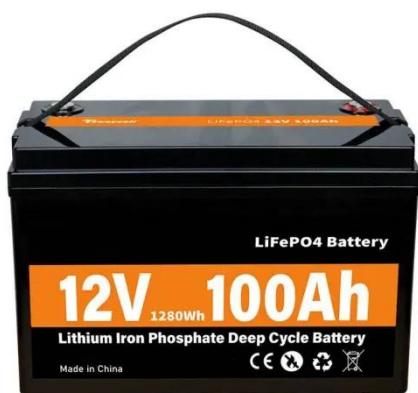
The first phase of the Northern Lights Phase 1 project, valued at \$710 million, reached FID in May 2020. Northern Lights is part of the larger Norwegian full-scale Longship ...



## Container Energy Storage in Bergen Sustainable Solutions for Norway ...

Why Bergen Needs Container Energy Storage Bergen, Norway's second-largest city, faces unique energy demands. With its heavy reliance on hydropower and

growing investments in ...



## Bergen Energy Storage Power Station in Norway Current

Summary: As Norway accelerates its renewable energy transition, the proposed Bergen Energy Storage Power Station has become a focal point for industry observers. This ...



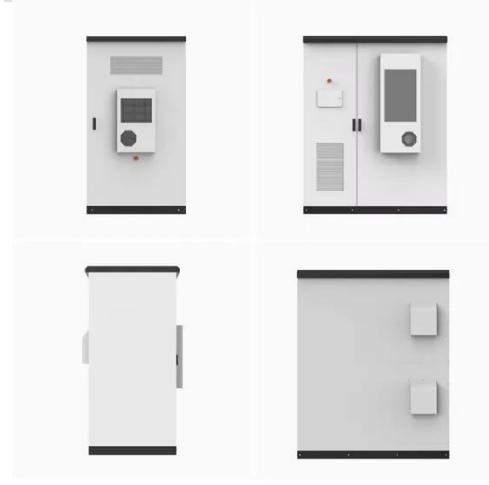
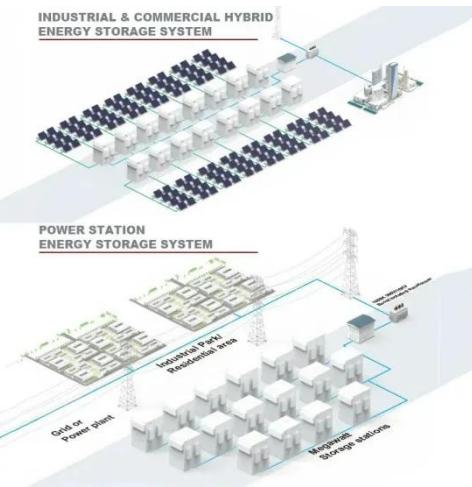
## Northern Lights To Begin First Carbon ...

Norway-based carbon capture, transport, and storage (CCS) initiative Northern Lights has announced that it will start its first CO2 ...

## Northern Lights: world first cross border facility completed

The Northern Lights CO 2 transport and storage facility, in Øygarden, near Bergen, Norway, was officially opened on 26 September. It is a joint venture

between Equinor, Shell ...



## **Ingenious underwater energy storage system**

General - Storage System Norwegian researchers have demonstrated an ingenious underwater energy storage system that uses the immense pressure of the deep sea to deliver ...

## **Cost of Energy Storage Cabinets on the Grid Side in Bergen, Norway**

Summary: This article explores the cost dynamics of grid-side energy storage cabinets in Bergen, Norway, focusing on market trends, technological advancements, and economic factors. ...



## **Northern Lights: 'World's first' cross-border CO2 transport ...**

The Northern Lights CCS facilities at Øygarden outside of Bergen. Photo: Northern Lights The official opening ceremony of the CO2 transport and

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