

SolarTech Power Solutions

New Energy Storage in Bergen Norway



Overview

Where is Northern Lights CO2 stored?

Northern Lights carbon dioxide transport and storage facilities at Øygarden outside Bergen (Photo: Northern Lights) 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 and TotalEnergies.

How will CO2 be stored in Norway?

The full-scale project includes capture of CO 2 from industrial sources and shipping of liquid CO 2 to an onshore terminal on the Norwegian west coast. From there, the liquified CO 2 will be transported by pipeline to an offshore storage location subsea in the North Sea, for permanent storage.

Where is Bergen Energy Park?

The Energy Park is located in Øygarden, which is an industry-friendly municipality in Vestland county, a 45-minute drive from Bergen city center. It is situated by the main shipping lane with proximity to the traffic hub and industrial clusters at Ågotnes, where Bergen's freight port will also be located.

Will Northern Lights CCS increase storage capacity?

The Northern Lights CCS project off the coast of Norway, which will begin operation by 2024, 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.

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Norway: First CO2 Storage in Northern Lights

1 day ago · The first phase of the project has a storage capacity of 1.5 Mt CO₂ /year, which has been fully booked by customers from Norway and Continental Europe.

Phase 2 of Northern Lights CCS Project Gets ...

Mar 27, 2025 · Northern Lights is part of the larger Norwegian full-scale Longship CCS project that includes capturing CO₂ from industrial sources and shipping ...



Energy storage(KWh)

102.4kWh

Nominal voltage(Vdc)

512V

Outdoor All-in-one ESS cabinet



Corvus Opens Second Battery Factory In Norway

Sep 9, 2019 · Corvus Energy, the Norwegian-Canadian designer and manufacturer of energy storage solutions for marine propulsion and electrical systems opens a new automated battery ...

28 Top Renewable Energy Companies in Norway · August 2025

Aug 1, 2025 · Detailed info and reviews on 28 top Renewable Energy companies and startups in Norway in 2025. Get the latest updates on their products, jobs, funding, investors, founders ...



Norway: Northern Lights facilities completed and ready to ...

Paris, September 26, 2024 - TotalEnergies and its partners, Equinor and Shell, announce the completion of the CO2 receiving and storage facilities of Northern Lights Joint-Venture in ...

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

Sep 30, 2024 · The Norwegian Minister of Energy officially opened the Northern Lights CO2 transport and storage facility in Øygarden, near Bergen, Norway. The Northern Lights facility is ...



World's first third-party

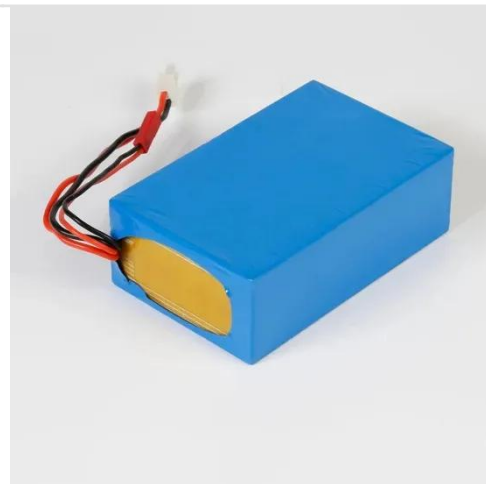
CO2 storage facility kicks off in Norway

21 hours ago · World's first CO2 storage site injects carbon 1.6 miles below seabed in Norway The first phase of the project is part of Longship the Norwegian government's full-scale carbon ...



Bergen event to explore maritime sector's zero-emissions ...

Oct 24, 2024 · The following two days, 30-31 October, will focus on developing and installing energy storage systems on ships to boost energy efficiency, reduce emissions and improve ...



Norway's 'Energy Transition' Explained

Oct 30, 2024 · A leader in green energy technologies, or a hypocritical nation that still makes its money from oil and gas? Norway says it is in an "energy transition", but what does that really ...



Oil firms claim success as CO2 storage project comes into ...

20 hours ago · Norway has taken a major step towards its ambition of becoming a hub for permanent CO2 storage, as the Northern Lights facility - a joint venture between petroleum ...



Photovoltaic energy storage in Bergen Norway

Where is solar energy produced in Norway? Located in the Northern Temperate Zone, Bergen, Vestland, Norway exhibits a unique seasonal variation in solar energy production. During the ...

Offers one new license for CO2 storage on the Norwegian ...

Jun 13, 2025 · Today, the Norwegian Ministry of Energy announces an offer for a new exploration license related to CO2 storage on the Norwegian continental shelf. The license is in the North ...



The Northern Lights project



May 15, 2020 · Equinor, Shell and TotalEnergies are investing in the Northern Lights project -- Norway's first licence for CO2 storage on the Norwegian Continental Shelf and a major part of ...

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