

Norway energy storage projects



Overview

Located in Norway, Northern Lights is the world's first CO₂ transport and storage project open to industry, owned equally by TotalEnergies, Equinor and Shell. 5 million tonnes of CO₂ per year. Norsk Hydro will invest about \$110 million after tax to build the Illvatn pumped hydro plant in western Norway. Carbon capture and storage will play a major role in the Norwegian climate solution. In August 2025, the first CO₂. Norwegian aluminium company Norsk Hydro ASA (OSE:NHY) has made the decision to invest NOK 2. Photo: Hydro/Marius Motrøen. This enormous project, which has been in operation since September 2024 and is a joint venture between TotalEnergies, Equinor, and Shell, intends to store. TotalEnergies and its partners, Equinor and Shell, announce that the first CO₂ volumes were successfully transported by vessel from Heidelberg Materials' cement factory in Brevik, Norway to Northern Lights' facilities in Øygarden.

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High Voltage Solar Battery



Hydro takes FID on EUR-214m pumped storage project in Norway

Norwegian aluminium company Norsk Hydro ASA (OSE:NHY) has made the decision to invest NOK 2.5 billion (USD 249m/EUR 214m) to build a pumped storage power plant at home to ...

Northern Lights: a CO2 transport and storage project to reduce

Located in Norway, Northern Lights is the world's first CO2 transport and storage project open to industry, owned equally by TotalEnergies, Equinor and Shell. Operational since 2024, the ...

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Norway: First CO2 storage in Northern Lights

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. Final Investment Decision of the ...



Hydro investing in Illvatn pumped storage plant in Luster

Hydro plans to build a new pumped storage power plant in Luster Municipality, Norway. With construction starting in 2025 and operations beginning in 2028/2029, the total investment for the ...



84 GWh pumped storage project planned for Norway

In April 2020, the Norwegian Ministry of Energy granted Norsk Hydro a concession to develop the Illvatn pumped storage power plant. An application for a plan change is being processed by the Norwegian ...

Elinor Batteries to supply batteries for grid-scale energy storage in

Scheduled for completion in 2026, the projects will have a combined storage capacity of nearly 40 MWh, making them among the largest battery projects in Norway to date, with a total ...



Norway's First Major Carbon

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Capture And Storage Project Northern ...

The project's importance, operational framework, difficulties encountered during development, and potential to influence industrial decarbonization in the future are all covered in ...

Hydro approves largest pumped hydro project in more than 20 years in Norway

Norsk Hydro has approved the construction of the Illvatn pumped-storage project in Luster, western Norway, the company's largest hydropower development in more than 20 years, ...



The Northern Lights project

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 the initiative that ...



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