



FTMRS SOLAR

# Norway independent energy storage project





## Overview

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Will Norsk Hydro build a 84 GWh pumped storage project?

(Photo: Narrativ/Hydro) Norsk Hydro, a Norwegian aluminum and renewable energy company, is planning a 84 GWh pumped storage project in Luster Municipality, Norway. The Illvatn project, with an estimated price tag of NOK1.2 billion (US\$113 million), is expected to begin construction in 2025, targeting 2028 or 2029 for full operation.

Is stationary energy storage a good idea in Norway?

Electric cars now account for 79 per cent of new cars sold in Norway, and the MS Medstraum was recently launched as the world's first electric fast ferry. In a global report on lithium-ion batteries, Norway ranked first in sustainability. These are impressive records. Even so, stationary energy storage is beginning to steal the limelight.

Is Norsk Hydro planning a new pumped storage power plant?

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 Water Resources and Energy Directorate (NVE).

How much CO2 can Norway Store a year?

Phase 1 of Norway's first carbon capture and storage project, which started operations in September 2024, can store 1.5 million tonnes of CO2 annually, equal to the emissions of about 750,000 cars annually.



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Northern Lights: a CO2 transport and storage project to ...

3 days ago · 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 ...

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Norway's maturing battery industry embraces green energy storage

May 8, 2023 · Whether for EVs or energy storage, Norway has always had ideal conditions for battery growth: renewable energy in the form of hydropower, strong government financial ...

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Shell, Equinor, and TotalEnergies complete ...

Sep 27, 2024 · Energy giants Shell, Equinor, and TotalEnergies have announced the completion of their carbon dioxide (CO2) storage project ...

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Oslo Grid Energy Storage Project: Powering Norway's Green ...

May 21, 2023 · Ever wondered how a city known for fjords and northern lights is quietly becoming a global energy storage pioneer? The Oslo Grid Energy Storage Project is rewriting the rules ...

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Norway's First Major Carbon Capture And ...

May 11, 2025 · Norway's first carbon capture and storage project-the Northern Lights project, is a ground-breaking step in the fight against ...

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84 GWh pumped storage project planned for ...

Sep 25, 2024 · Norsk Hydro, a Norwegian aluminum and renewable energy company, is planning a 84 GWh pumped storage project in Luster ...

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

Nov 14, 2025 · 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 ...

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Wenergy Secures Industrial Energy Storage Project in Norway...

Wenergy has recently signed a new industrial and commercial energy storage project in Norway. The Stars Series liquid-cooled ESS cabinets will be deployed at critical nodes of the ...

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Norway's Northern Lights CCS Project Gets First Carbon Storage ...

1 day ago · Equinor, Shell and TotalEnergies issue first CO2 storage certificates to Northern Lights CCS project confirming storage in Aurora reservoir.

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Norway Energy Storage Outlook

Mar 18, 2024 · Norway stands at the forefront of energy storage innovation, leveraging its rich



hydropower heritage alongside cutting-edge technologies.

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**Norway's First Major Carbon Capture And Storage Project ...**

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**Northern Lights: a CO2 transport and storage ...**

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**84 GWh pumped storage project planned for Norway**

Sep 25, 2024 · Norsk Hydro, a Norwegian aluminum and renewable energy company, is planning a 84 GWh pumped storage project in Luster Municipality, Norway. The Illvatn project, with an ...

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**Shell, Equinor, and TotalEnergies complete CO2 storage project in Norway**

Sep 27, 2024 · Energy giants Shell, Equinor, and TotalEnergies have announced the completion of their carbon dioxide (CO2) storage project on Norway's west coast, a key part of Norway's ...

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