

## SolarMax Energy Systems

# Current status of energy storage projects in Norway



## Overview

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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.

Are EV batteries the future of energy storage?

"There are two market drivers for batteries: EVs and stationary energy storage. Energy storage is coming on strong now. It's the key to turning intermittent wind and solar into a stable energy source," explains Pål Runde, Head of Battery Norway. An early adopter of electric transport, Norway continues to capture EV battery headlines.

How much will Norway spend on the longship project?

While disclosing that its Longship project is nearing completion, the Norwegian government highlighted that it intends to continue its investment in the project, thus, it proposed an allocation of 2.1 billion NOK or \$197.3 million for this development in the state budget for 2025.

How is Northern Lights' CO<sub>2</sub> transport and storage infrastructure progressing?

Construction of Northern Lights' CO<sub>2</sub> transport and storage infrastructure and Heidelberg Materials' capture facility in Brevik is progressing. As of now, the Brevik CCS is 76 percent complete, while Northern Lights' storage facility is 94 percent complete.

What projects are under development in Norway?

Another project under development in Norway is a new power plant at Torolmen, in the Årdal municipality, with an estimated annual production of around 30 GWh. The total investment for this project could reach NOK290

million (US\$27.4 million), with potential construction starting as early as 2027.

Where is the world's largest battery storage project located?

The Elektra Energy Storage Project, Sweden's largest battery storage project, is now fully operational. Located in Landskrona, southern Sweden, the project will provide ancillary services to help balance the grid for Landskrona Energi. Vantaa Energy in Finland started the construction of the largest underground thermal energy storage in the world.

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### Norway's \$2.8 billion full-scale carbon capture transport and ...

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### 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 ...



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## Hydrogen law and regulation in Norway , CMS Expert ...

The development of a Norwegian hydrogen value chain by 2030 is one of the Norwegian Government's focus areas and part of Norway's target ...

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## Energy Transition Norway

Energy Transition Norway's research and development (R& D) projects focus on renewable energy, carbon capture and storage (CCS), enhanced oil recovery, and decommissioning.

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## Current status of ground source heat pumps and underground ...

Aquifer Thermal Energy Storage (ATES) is considered to bridge the gap between



periods of highest energy demand and highest energy supply. The objective of this study ...

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## Current Status of the Longship Project

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## 20 years of carbon capture and storage - Analysis

Carbon capture and storage (CCS) technologies are expected to play a significant part in the global climate response. Following the ratification of the Paris ...

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## Longship Nears Operational Launch as CCS Momentum Builds ...

Norway's carbon capture and storage

(CCS) initiative, Longship, is approaching full operational readiness, with major milestones achieved at both the Brevik CCS and Northern ...

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## Finland teams up with Norway on carbon storage , Yle ...

Finland and Norway plan to cooperate in carbon capture and storage (CCS). Environment and Climate Minister Kai Mykkänen (NCP) ...

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## Energy systems for the future: Norway's largest battery energy storage

It is with great pleasure that BOS Power together with Rolls-Royce Solutions Berlin (RRSB) will deliver Norway`s largest battery energy storage system (BESS) to the Smart Senja project at ...

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## The installed capacity of battery energy storage systems ...

Norway aims to become one of the



leading battery storage markets in the Nordic region, but Sweden and Finland have already surpassed Norway in deploying battery storage ...

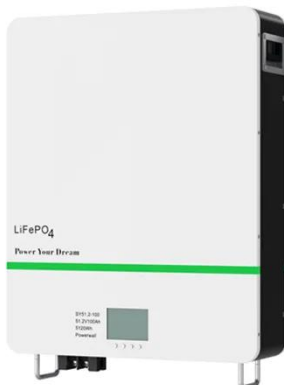
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## High-powered support for renewable energy projects

Credit: Ida Wullum-Lindberg/Norad 27 new projects will receive a total of NOK 248 million under the enterprise development scheme for renewable energy. Projects include gas ...



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## Norway Energy Storage Outlook

While Norway boasts a robust renewable energy sector dominated by hydropower, large-scale dedicated energy storage facilities are still in their early stages of development.

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## Equinor reports on Norwegian development projects

Equinor is the operator of 19 projects currently under development in Norway. In the proposed National Budget for



2025, the Ministry of Energy listed the status of 13 Equinor ...

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## Norsk Hydro Unveils Ambitious 84GWh Pumped Storage Project in Norway

Norsk Hydro, a leading Norwegian aluminum and renewable energy company, has announced plans for an 84GWh pumped storage project in Luster Municipality, Norway. The ...

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## 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 ...

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## Norway's maturing battery industry embraces green energy storage



Today Norway has not one, but two huge battery markets. "There are two market drivers for batteries: EVs and stationary energy storage. Energy storage is coming on strong ...

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## New battery storage capacity to surpass 400 GWh per ...

The era of battery energy storage applications may just be beginning, but annual capacity additions will snowball in the coming years as ...

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## 7 Top Energy Storage Companies in Norway · September 2025

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## Tracking Nordic Clean Energy Progress

While the use of battery storage is on the rise, the current installed capacity

remains relatively insignificant compared to hydro storage. To fully harness the potential of renewable energy, ...

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