
Current status of energy storage projects in Norway

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.

Does Norway have a battery market?

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 now. It's the key to turning intermittent wind and solar into a stable energy source," explains Pål Rønde, Head of Battery Norway.

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).

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 NOK 1.2 billion (US\$113 million), is expected to begin construction in 2025, targeting 2028 or 2029 for full operation.

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Tracking Nordic Clean Energy Scenarios 2024 highlights the Nordic countries' shared commitment to achieving carbon neutrality through ambitious energy transitions. The ...

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 ...

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.

The Norwegian government has made room in its 2025 budget for a multimillion-dollar investment destined to be injected into its carbon capture and storage (CCS) project, ...

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, ...

Energy Transition Norway's research and development projects are based on these focus areas: renewable energy, carbon capture and storage, increased oil recovery and ...

Norway stands at the forefront of energy storage innovation, leveraging its rich hydropower heritage alongside cutting-edge technologies.

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