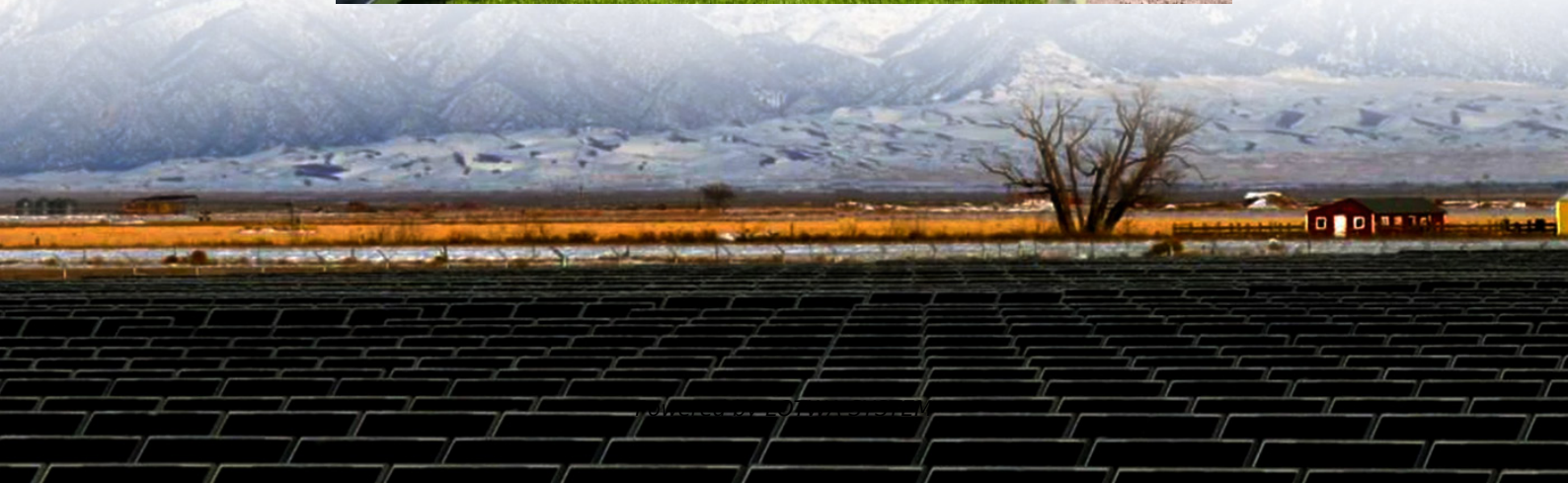


# **Implementation plan for the construction of new energy storage projects in Norway**





## Overview

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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 NOK1.2 billion (US\$113 million), is expected to begin construction in 2025, targeting 2028 or 2029 for full operation.

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.

Why should Norway add generating capacity?

profitable, also for export.— Norway is expected to add generating capacity to support increasing demand for domestic energy use. Since hydropower and wind production vary annually, Norway will accept the need to add capacity to maintain a surplus of 10



## Implementation plan for the construction of new energy storage projects

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Solutions for a clean Nordic energy system 2024

Aug 28, 2024 · The Implementation Plan of the Nordic TSO strategy presents the prioritized measures under the selected strategic themes that the Nordic TSOs plan to initiate working on ...

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Energi21 - National strategy for research and development of new energy

Oct 31, 2023 · Energi21 is the Norwegian strategy for research, development and commercialisation of new climate friendly energy technologies. Established in 2008 it focuses ...

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Northern Lights: a CO2 transport and storage ...

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Oslo new energy storage policy document

It aims to grasp the strategic window period of the development of new energy storage in the 14th five year plan, accelerate the large-scale, industrialized and market-oriented development of ...

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ENERGY TRANSITION NORWAY 2023

Nov 21, 2023 · FOREWORD The 2023 edition of the Energy Transition Norway 2050 reconfirms that Norway is not on track to meet Paris Agreement targets for reducing greenhouse gas ...

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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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14th Five-Year Plan: New Energy Storage Development Implementation Plan

This document identifies energy storage as a key element of the decarbonisation of the sector and support energy security. It promotes the high-quality and large-scale development of new ...

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D.6.1 GUIDELINES FOR INTEGRATED DESIGN AND ...

Jul 16, 2025 · With regards to both new construction projects and renovation projects, the implementation of renewable energy sources will be highly prioritized. The City of Oslo ...

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Norway - Clean Energy Transition Partnership (CETP) - ...

Dec 9, 2024 · Norway has established the following parameters to set the scope of Norway's policy: "New" refers to any direct public support for international unabated fossil fuel energy ...

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Scenario-adaptive hierarchical optimisation framework for ...

5 days ago · In this work, a scenario-adaptive hierarchical optimisation framework is developed for the design of hybrid energy storage systems for industrial parks. It improves renewable use, ...

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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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