



# Norwegian power storage system production plant

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Will Norsk Hydro build a pumped storage power plant in Luster?

Norsk Hydro has approved construction of the Illvatn pumped storage power plant in Luster Municipality, marking its largest hydropower investment in more than 20 years. Work is set to begin this month, with operations planned for 2030. The plant will add 107 GWh of annual renewable generation dedicated to Norsk Hydro's aluminium production.

Will Norway's largest pumped storage power plant improve energy supply?

The Norwegian energy company Statkraft has contracted AFRY to conduct a feasibility study on optimising the operation of Norway's largest pumped storage power plant in Saurdal. The study aims to double the plant's capacity to store surplus renewable energy, thereby enhancing consistent energy supply during peak demand periods.

Does Norsk Hydro have a pumped-storage project?

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, which will add 107 GWh of annual storage. The system will add around 107 GWh of annual energy production and increase flexibility at Hydro's Fortun power operations.

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.

Hydro is investing a net NOK 1.2 billion after tax in the construction of the Illvatn pumped storage power plant in the Luster Municipality. The project is Hydro's largest hydropower ...

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 ...

Hydro is set to construct a new pumped storage power plant in Luster Municipality, Norway. Construction is

expected to commence in 2025.

The Illvatn project envisages constructing a power plant that pumps water from the Fivlemyrane reservoir, located 1,018 meters above sea level, to the Illvatn reservoir at 1,382 meters ...

However a number of the large run-of-river power plants in Norway lie downstream of storage hydropower plants in the same river system, and this influences their production patterns.

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