

# Data center energy storage norway



## Overview

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Powered by hydropower and cooled by seawater from a nearby fjord, the facility is one of the largest and most energy-efficient data centers in the world. It has attracted attention not only for its scale but also for its unique approach to reusing natural landscapes for. The data center industry is experiencing strong growth, both globally and in Norway. Growth is driven by digitalisation and the development of artificial intelligence. Norway and the Nordic countries are well positioned when large global players consider locations for the processing and storage of. The Norway Data Center Storage Market is positioned at a strategic intersection of increasing digital infrastructure investments and sustainable energy initiatives. We are building critical digital infrastructure and sites that can be sustained for generations, powered entirely by renewable hydropower and engineered for maximum efficiency and sustainability. Today data centres account for 2 per cent of the world's annual CO<sub>2</sub> emissions and 3 per cent of power consumption. In the past decade, Norway has focused on the energy coming into.

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### Polar Announces new AI-Ready Data Center Powered by 100

By choosing this site in Tørdal, Polar harnesses Norway's abundant hydroelectric resources and naturally cool climate, to create one of the most energy-efficient AI-ready facilities in the region. The ...

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### Top 27 Data Center Companies in Norway (2026) , ensun

The company specializes in the development of large global data centers in the Oslo region, providing a well-equipped location that ensures high efficiency and cost-effectiveness for data storage.



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### The Data Center Industry in Norway 2023-2024

Data centers located in Norway only use renewable energy and also have lower energy requirements for cooling due to the cold climate. It is therefore beneficial for the global climate that large international ...

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## The data centre industry

The increased interest in Norway as a data centre location stems from Norway's favourable climate conditions, with naturally low outdoor temperatures, access to suitable land areas, clean and ...

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## Norway Emerges as a Data Center Hub: Efficiency Meets Sustainability

As global demand for cloud storage, artificial intelligence, and high-performance computing grows, Norway has positioned itself as a strategic hub where data and green energy converge.

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## Despite plenty of renewable energy, data centers split Norwegian

Close to 90 data centers are currently operating in Norway (not all of them dedicated to generative AI). Together, they used up 2.79 terawatt-hours of energy in 2025, slightly more than one ...

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## Sustainability heats up in Norwegian data centre industry

As a world leader in digitalisation, Norway has long recognised the need to create a sustainable data centre

industry. In the past decade, Norway has focused on the energy coming into ...

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## Are We Overlooking the Nordics? Europe's Silent Data Center ...

In this blog, we'll explore why the Nordics have become Europe's silent data center powerhouse, highlight major developments, and examine how their approach could influence global ...

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## Norway Data Center Storage Market Outlook, Segments & Size 2026 ...

The Norway Data Center Storage Market is positioned at a strategic intersection of increasing digital infrastructure investments and sustainable energy initiatives.

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