

PIENAAR ENERGY (PTY) LTD

Nordic energy storage projects 2025



Overview

Battery Energy Storage Systems (BESS) lead the Nordic energy storage market in 2025, making up about 40-50% of the total market value. Lithium-ion technologies head this segment, thanks to quick cost cuts and reliable performance in Nordic weather. SEB Nordic Energy's portfolio company, Locus Energy, in collaboration with Ingrid Capacity, will build the largest battery energy storage project in the Nordics. News from the Nordics and the Baltics, with BESS projects launched in Sweden, Denmark and Latvia by Centrica, Nordic Solar and Niam Infrastructure and Evecon. Tracking Nordic Clean Energy Scenarios 2024 highlights the Nordic countries' shared commitment to achieving carbon neutrality through ambitious energy transitions. The report reflects on significant progress in renewable energy, electrification, and emissions reductions, while addressing challenges. The Nordic Energy Storage market was valued at USD 4.35 billion in 2024 and is projected to reach USD 18.7% during the forecast period from 2025 to 2035. The project will add 70 MW/140 MWh of storage capacity to SEB Nordic.

Nordic energy storage projects 2025



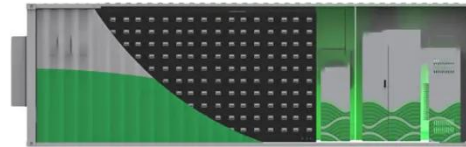
SEB Nordic Energy invests in major battery storage project

Computer-generated picture of the future battery storage park in Finland. SEB Nordic Energy's portfolio company, Locus Energy, in collaboration with Ingrid Capacity, will build the largest ...

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Finland to host 240 MWh of new BESS projects

The project proponents have confirmed that the construction works will start in March 2025. The project, which is one of the largest of its kind in Finland, will provide grid services including ...



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Nordic Energy Storage Projects 2025

· This work examines the role of thermal energy storage (TES) and hydrogen storage (HS) in the future energy system with high proportions of wind power.

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Tracking Nordic Clean Energy

Progress 2025

With 96% of electricity now fossil-free and pioneering projects in hydrogen and energy storage, the Nordics continue to lead in sustainable energy. However, swifter action and closer ...

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ESS



ROUNDUP: BESS projects in Sweden, Denmark and Latvia

This event will bring together key stakeholders from across the region to explore the latest trends in energy storage, with a focus on the increasing integration of energy storage into ...

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Key Nordic energy storage projects

From advanced storage solutions to nuclear innovation, learn how technological breakthroughs are paving the way for a more flexible, efficient and sustainable energy future.

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SEB Nordic Energy fund, through Locus Energy and in partnership ...

During 2025, Locus Energy has taken



significant steps in its Nordic expansion. Earlier this year, a groundbreaking ceremony was held for a 70 MW/140 MWh battery energy storage ...

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Nordic Energy Storage Supercapacitor Project: Powering the Future of

"Think of supercapacitors as the sprinters of energy storage," says Dr. Lena Fjellström, project lead at Nordic Energy Research. "They're not here to replace marathon-runner batteries, but ...



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Nordic Energy Storage Market (2025-2035)

The Nordic Energy Storage market was valued at USD 4.35 billion in 2024 and is projected to reach USD 18.41 billion by 2035, growing from an estimated USD 4.98 billion in 2025, at ...

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HiTHIUM Signs 3GWh Supply Deal with BOS Power to Boost Nordic ...

HiTHIUM, a global leader in long-duration energy storage technology, has signed a multi-year supply agreement (MSA) with Bertel O. Steen Power Solutions (BOS Power) to deliver 3GWh of ...

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