

PEES Power Systems

Smart grid norway



Overview

The Norwegian Smartgrid Centre is a national centre of competence for smartgrids. Our vision is to create one of Europe's most dynamic research alliances that brings together industry and research partners for the development of flexible and intelligent electrical energy systems. Our members, NTNU and SINTEF have built a new National Smart Grid Laboratory in Trondheim with funding from the Research Council of Norway in cooperation with the Arctic University of Norway and Smart Innovation Østfold. The laboratory is a system-oriented laboratory providing state-of-the-art infrastructure for. eSmart Systems offers innovative Grid Vision® solutions that enhance the operation and maintenance of power utilities, supporting a reliable and data-driven approach to infrastructure management. Their focus on predictive maintenance and asset management contributes significantly to the development. The MaksGrid project, a new initiative under the Pilot-E scheme, in which DNV is the project manager set to test innovative solutions that could potentially increase the utilization of the power grid by 25%. Well-developed electricity markets in the Nordics: Significant volumes for day-ahead, intra-day and balancing services. 8 million Smart Meters (AMS) to be rolled out by 1.

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1075KWHH ESS

Norways smart meter journey completes as 99 % of Norwegians

The planning of modern smart meters in Norway began in the early 20's, with 2019 being the year when NVE made it a legal requirement for every grid company. Three and a half years later, ...

MaksGrid project aims to increase utilization of Norwegian power grid

With the aim of addressing the lack of grid capacity, this project will explore measures that grid companies can implement and control while waiting for the construction of new grid infrastructure.



Top 100 Smart Grid Companies in Norway (2026) , ensun

Norway's commitment to renewable energy, particularly hydropower, plays a significant role in the development of Smart Grid technologies, as they enable efficient energy management and ...

Moving towards the Smart Grid: The Norwegian Case

This article presents the Norwegian Smart Grid case by collecting the experiences and actions taken by industry, academic and research sectors.



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Moving Towards The Smart Grid: The Norwegian Case

What does the NSGC do? offers much flexibility for demand response and demand side management schemes. Well-developed electricity markets in the Nordics: Significant volumes for day-ahead, intra ...

Top startups in Smart Grid in Norway (Jul, 2025)

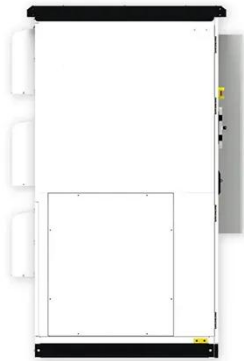
Discover the top emerging companies in the Smart Grid Startups in Norway, their funding activity, key investors, company highlights, and growth stages



Smart Grid Laboratory

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Smart Grid technologies, as they enable efficient energy management and ...



Velkommen , Smart Grid Services

Det norske samfunnet skal elektrifiseres og det byr på flere utfordringer for landets strømnnett. Det er behov for store investeringer i nye strømkabler og smartere vedlikehold, overvåkning og styring av ...



Smart Grid Laboratory

This short video introduces the Norwegian Smart Grid Lab run by SINTEF and NTNU, Trondheim and how it can interact with another national laboratory - the Cyber Range, NTNU Gjøvik - to study and ...



The Norwegian Smartgrid Centre

The project will develop and pilot innovative solutions for coordinated

automatic system control, dynamic transfer limits, and risk-based grid planning and operation--all aimed at significantly ...



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