



FTMRS SOLAR

Use of Nordic energy storage batteries





Overview

Are battery energy storage systems a key part of the Nordic energy transition?

Battery energy storage systems (BESS) continue to play a vital role in the Nordic energy transition. Based on Marsh's experience in advising BESS owners in the Nordics, cold climate challenges, ensuring safety, and optimizing spacing are key topics that are discussed for BESS development in the region.

What is the Nordic battery collaboration?

In the Nordic region, Finland, Norway and Sweden are combining their collective strengths in the battery value chain through the Nordic Battery Collaboration. As a battery region, the Nordics have become a notable actor in the broader European battery market.

Does Norway have a battery market?

Today Norway has not one, but two huge battery markets. "There are two market drivers for batteries: EVs and stationary energy storage. Energy storage is coming on strong now. It's the key to turning intermittent wind and solar into a stable energy source," explains Pål Runde, Head of Battery Norway.

How much battery capacity will the Nordic countries have by 2030?

The Nordic countries are expected to have almost 1800 MW of installed battery capacity by 2030, not including batteries in electric vehicles. Figure 06.3: Expected battery capacity in the Nordics by 2030, not including batteries in electric vehicles.



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