

PDEOZE PowerContainer

Nordic New Energy Power Supply



Overview

How is the Nordic power system changing?

In the report we present our perspective on the overall trajectory of the Nordic power system, which is undergoing significant changes with the expansion of renewables, electrification and new industrial demand. This year's report reaffirms the Nordic TSOs commitment to do what we can to enable a successful transition.

Is the Nordic power system a good investment?

The Nordic power system is well integrated due to a long history of cross border cooperation on grid, operations, and market development. This has been a core prerequisite for the high level of renewable production, and it will continue to be so with a Nordic power system which is expected to be carbon-free around 2035/40.

What is a Nordic power system report?

The report communicates a shared vision of the overall trajectory of the future power system up to 2050 and presents various strategies to address the emerging challenges. It also provides a status update on ongoing and planned investments of significant Nordic impact.

Why do we need an integrated Nordic power system?

All the participating countries benefit from an integrated Nordic power system, which increases security of supply and ensures a more efficient system. In this way, we can make the most of our different competitive advantages and reduce the overall costs. We expect significant growth in electricity consumption – how much depends on production.

What challenges does the Nordic power sector face?

The Nordic power sector, a global clean energy leader, faces new challenges as it enters the next phase of energy transition. Discover how the region is

navigating rising electricity demand, complex risks and emerging technologies while striving to meet ambitious climate goals and ensure energy security.

What is the Nordic Electricity transmission system strategy?

In response to these challenges, the four Nordic electricity transmission system operators have formulated a Nordic TSO strategy. In this report, we focus on the broader market development and the requisite grid reinforcements, both internally and across bilateral corridors, to address future system demands.

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