

## **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.

## Nordic New Energy Power Supply

---

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.

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.

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.

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.

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.

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.

Sep 20, 2024 · The road to net zero emissions in the Nordics requires the energy sector to undergo a significant transition during the next 30 years. This transition calls for several ...

Mar 15, 2025 · A cost-optimal energy transition in Finland can be achieved through a mix of wind power, solar photovoltaics, bioenergy, and hydropower, with self-sufficient energy supply ...

Jun 20, 2024 · To replace a large quantity of natural gas with power made from renewable energy sources before 2030, the renewable power production and transmission capacities must be ...

Feb 10, 2025 · 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 ...

Oct 31, 2022 · Energy supply shock, not market failure A shortage of imported Russian natural gas after Russia's invasion of Ukraine has been the key driver behind soaring European ...

Jun 25, 2025 · The Nordic TSOs publish the report Nordic Grid Development Perspective 2025. In the report we present our perspective on the overall trajectory of the Nordic power system, ...

Jun 2, 2025 · Download our Nordics power outlook summary Q2 2025 (formerly known as SySpower long-term power outlook) to explore in-depth insights into the evolving energy landscape in the Nordic and Baltic regions.

Jul 1, 2024 · The models predict that 76%-82% of the new electricity production will come from wind power, split between onshore and offshore installations, highlighting significant ...

Jun 25, 2025 · The Nordic TSOs publish the report Nordic Grid Development Perspective 2025. In the report we present our perspective on the overall trajectory of the Nordic power system, which is undergoing significant ...

Jun 2, 2025 · Download our Nordics power outlook summary Q2 2025 (formerly known as SySpower long-term power outlook) to explore in-depth insights into the evolving energy ...

Oct 26, 2023 · At Volt Power Analytics, we forecast a 25% higher electricity supply, and a race to reach renewable targets. In Norway, the development of new power supply is expected to be ...

Feb 11, 2025 · Tracking Nordic Clean Energy Scenarios 2024 highlights the Nordic countries' shared commitment to achieving carbon neutrality through ambitious energy transitions. The ...

Oct 31, 2022 · Energy supply shock, not market failure A shortage of imported Russian natural gas after Russia's invasion of Ukraine has been the key driver behind soaring European electricity prices, but other factors, ...

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://pdeozepv.pl>