



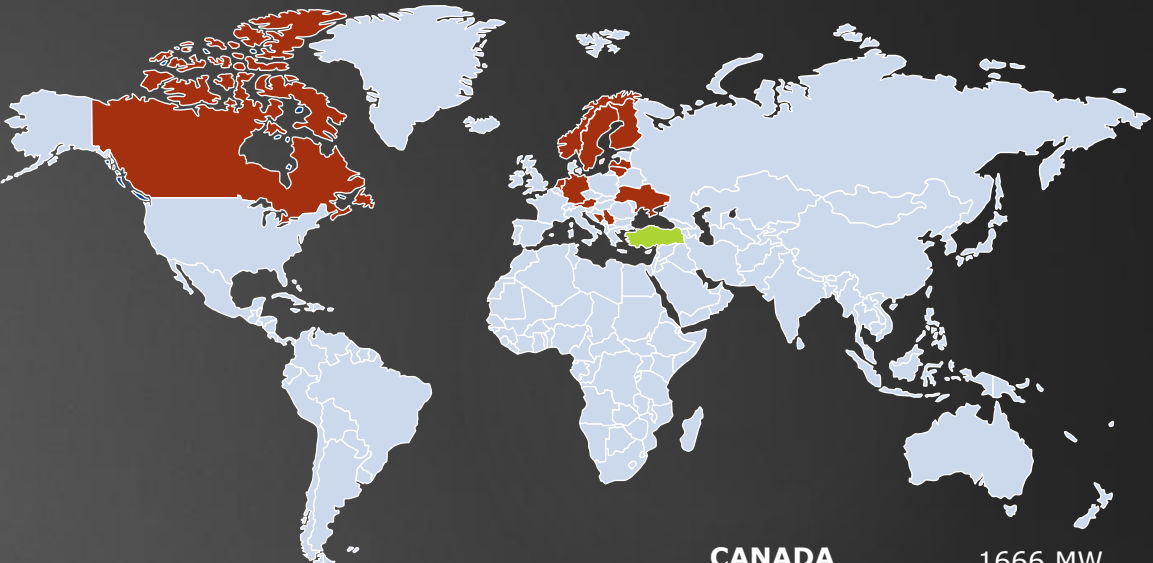
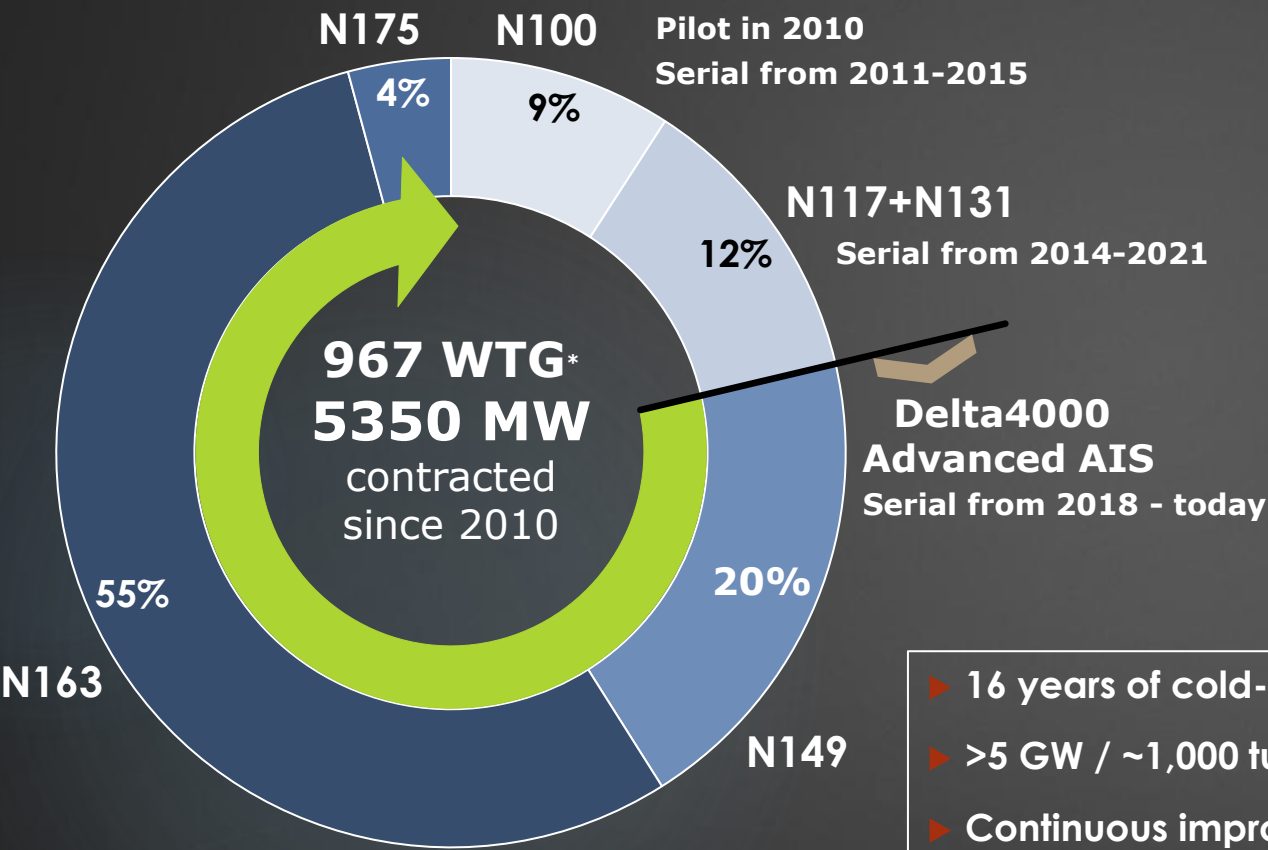
Nordex Group

Engineering Beyond Ice - Advanced Anti-Icing System



Nordex Track Record: Built on Reality, Not Theory

This isn't new technology — it's mature, bankable performance



CANADA	1666 MW
SWEDEN	1614 MW
FINLAND	1043 MW
NORWAY	400 MW
TÜRKIYE	237 MW
LATVIA	112 MW
SERBIA	77 MW
UKRAINE	61 MW
BOSNIA	48 MW
AUSTRIA	48 MW
LITHUANIA	44 MW
GERMANY	39 MW
NETHERLANDS	6.8 MW

- ▶ 16 years of cold-climate operation
- ▶ >5 GW / ~1,000 turbines equipped
- ▶ Continuous improvement across rotor generations
- ▶ Proven in Nordics, Canada, Türkiye, Ukraine, East Europe

* Order intake status 04/26
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> Why Winter Matters More Than Ever

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- ▶ **JANUARY 25TH 2026 IN FINLAND, 50% OF WIND PRODUCTION ICED**
- ▶ Icing doesn't just stop turbines — it stops revenue.
- ▶ Winter = higher power prices
- ▶ When icing happens, most fleets stop

FINGRID



Wind Production data

- > Day ahead forecast = ~**4500** MWh/h Actual
- > Production = ~**1800** MWh/h

HS VISIO

THE PRICE OF ELECTRICITY is now being shaken by an exceptional weather phenomenon: the blades of wind turbines are frozen.

At worst, freezing has eaten up more than half of the power plants' production. For example, on Sunday, 25 January, according to wind forecasts, the turbines should have produced electricity at a capacity of about 4,500 megawatts.

Electricity is now very expensive and the culprit is freezing

Electricity | On Sunday evening, the freezing of wind turbine blades ate up more than half of the predicted electricity production. The conditions for freezing have been exceptionally favourable in January.

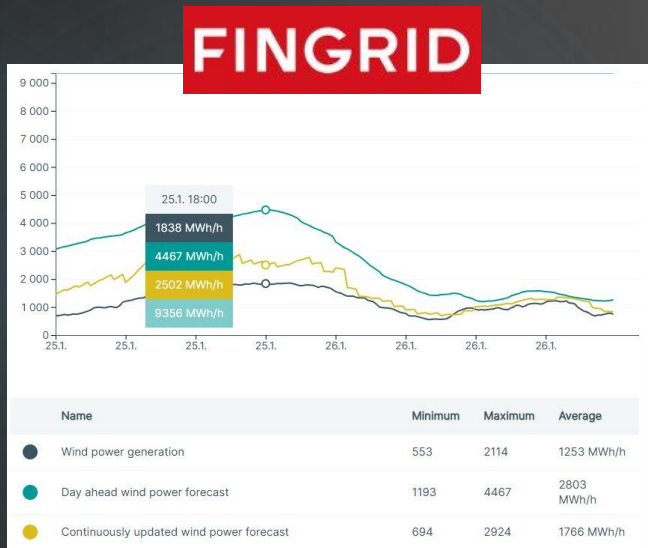


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Seen over corresponding 10hr event window.....
Nordex AIS fleet:

10% of capacity

- > Total wind production capacity used in the wind power forecast

9356 MWh

- > Total NDX fleet with AIS

936 MWh

Provides

- > Total production

16 938 MWh

- > Total production of NDX fleet with AIS

4 058 MWh

24% of production



How Nordex Solves The Icing Problem

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We prevent ice before it becomes a problem

- ▶ Anti-icing, not de-icing
- ▶ Turbine keeps operating
- ▶ Efficient surface heating, not structure heating
- ▶ Fully integrated with lightning protection & control system
- ▶ Qualified blade technician can repair a heating mat



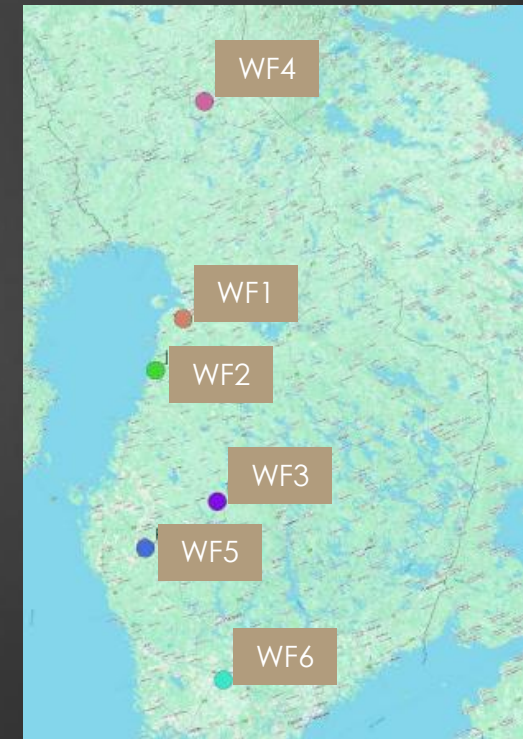
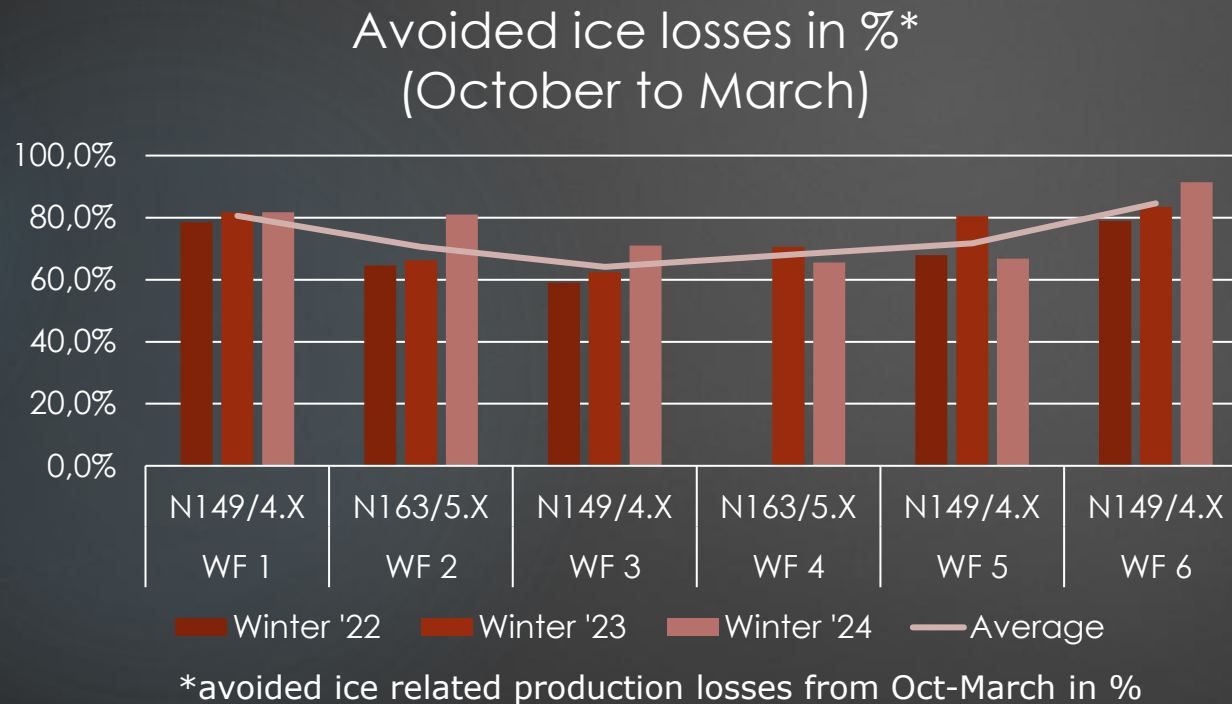


Proof: Independent Performance Validation

Measured in the field. Confirmed by third parties.

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- ▶ Latest DNV report shows ~60–90% ice loss recovery rate
- ▶ >100 turbine-years of data
- ▶ High availability where it matters - up to 97% in peak winter months





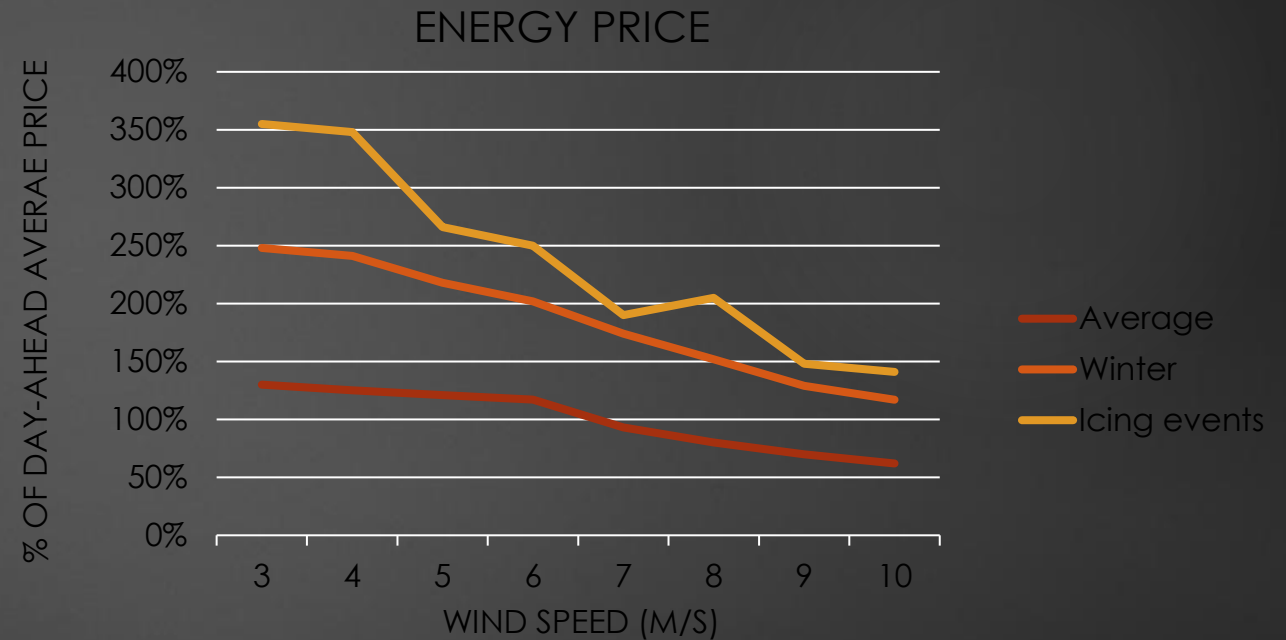
Value Capture: Where AIS Really Pays Back

During icing events, power prices are usually at least 2-3x higher than average annual power prices

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Example from Finland, differs from country to country or even region.

- ▶ Icing = high-price conditions
- ▶ AIS enables production when prices peak
- ▶ Typical 12–27% revenue recovery during icing periods
- ▶ Better forecasting → better dispatch → no penalties





Wrap-Up: What This Means for You

Ice Happens. Downtime Doesn't. Validated by Experts. Trusted by Operators.

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- ▶ More winter uptime
- ▶ More predictable cash flow
- ▶ Proven, validated performance
- ▶ Lower risk in cold-climate projects



> Questions?



➤ Thank you for
your attention