Increase the AEP gain, access new controller functionality and extend the lifetime of the turbines.

3 November 2025

Nordic Wind Technology upgrades EnergyPro's Moneenatieve Wind Farm in Ireland with Complete Controller Retrofit Solution for Gamesa G52.

Nordic Wind Technology has successfully delivered and commissioned a full controller software retrofit solution for EnergyPro's Moneenatieve Wind Farm in Ireland, upgrading the site's Gamesa G52 turbines.

The retrofit, completed in 2025, includes the installation of a new Bachmann controller—replacing the obsolete Phoenix controller—and the implementation of brand-new 1 MW converter panels. In addition, EnergyPro now benefits from a new SCADA system that provides full access to turbine data, enabling enhanced monitoring, reduced maintenance costs, optimized operations, and improved profitability.

EnergyPro initially faced challenges operating, maintaining, and improving their turbines. After years of dealing with communication problems, converter faults and electrical cabinet faults, they partnered with Nordic Wind Technology to modernize the control system, regain full operational autonomy and reduce downtime due to related faults.

"*As the wind industry continues to evolve rapidly, it is essential that older turbines are upgraded to meet today's performance and control standards," says* **Steffen Larsson, CTO at Nordic Wind Technology**. *"Our software solutions enable retrofits based on Bachmann controllers, bringing turbines up to current industry standards. With full data access, remote monitoring, and modern control features, operators benefit from improved performance, availability, and serviceability*."

By integrating proven control technologies and restoring access to spare parts, retrofitting older turbines can significantly extend their operational lifetime while boosting profitability and production efficiency.

Aidan Gleeson from EnergyPro adds:

"*Working with Nordic Wind Technology on this project has been a great success. The new hardware and software are much more robust and we've also seen a notable improvement in performance. Because of the great success, we are planning to upgrade our next Gamesa wind farm with NWT's controller & converter retrofit solution. Nordic Wind Technology has been a reliable partner with deep technical expertise and excellent support*."

With a mission to make wind energy more efficient and competitive, **Nordic Wind Technology** continues to develop innovative retrofit solutions for the global wind industry. Its proven Controller Software Retrofit Solution is already installed in more than 510 turbines worldwide, ensuring reliable modernization and extended lifetime for legacy assets.

About Nordic Wind Technology
Nordic Wind Technology specializes in developing and optimizing turbine control software. Based in Denmark, the company's experienced team designs, develops, and programs advanced control systems for the global wind industry. Through state-of-the-art retrofit solutions, Nordic Wind Technology empowers operators with modern tools and renewed efficiency—**giving the power back.**

Learn more at www.nordicwindtechnology.com

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