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ICC-SWCC Certifies First Turbines to New ACP 101-1 Standard

Certifications support turbine eligibility for clean energy incentives and highlight growing momentum in the small wind sector

Brea, CA – The ICC Small Wind Certification Council ([ICC-SWCC](#)), a program of ICC Evaluation Service ([ICC-ES](#)), has awarded two new certifications to Kodair Wind Designs Ltd. for its KW20 and KW30 wind turbines. These are the first turbines to be certified to the ACP 101-1, 2021 Small Wind Turbine Standard, which succeeded the long-used AWEA 9.1-2009 standard.

[Kodair Wind](#), based in Ireland, has been developing innovative and economical wind turbines since 2006. The company's current models—the KW20 and KW30—represent its latest advancements in distributed wind technology.

- The KW20 wind turbine was awarded SWCC certification [SWCC 22-02](#). It is a 3-bladed horizontal axis wind turbine with a rotor diameter of 13.1m and a measured peak power of 20.8 kW.
- The KW30 wind turbine was awarded SWCC certification [SWCC 22-03](#). It is a 3-bladed horizontal axis wind turbine with a rotor diameter of 14.1m and a measured peak power of 31.6 kW.

Both turbines underwent testing at Kodair's facility in County Galway, Ireland, from late 2023 through early 2024. Testing was managed and supervised by Joseph Spossey of RE Innovations.



*KW20 and KW30 turbines on the test site in County Galway, Ireland.
Photo provided by Kodair Wind Designs Ltd.*

"Achieving SWCC certification is a major milestone for our team," said John Flaherty, CEO at Kodair Wind Designs Ltd. "It reinforces the performance and durability of our turbines and gives our customers confidence that our products meet the latest international benchmarks."

"We're proud to see the first certifications issued to the ACP 101-1 standard, and pleased to recognize Kodair Wind Designs for reaching this milestone," said Shawn Martin, Vice President of Technical Services at ICC-SWCC. "This achievement not only reflects the quality and performance of the KW20 and KW30 turbines, but also signals growing momentum in the small wind sector as it aligns with updated standards and clean energy incentives."

The ACP 101-1 standard, released in 2021, was developed to streamline testing for small wind turbines under 150 kW. It is now one of several standards used to qualify wind turbines for U.S. Federal Tax Credits under the Inflation Reduction Act (IRA).

Certification of the KW20 and KW30 turbines underscores the value of independent, third-party evaluation in advancing the small wind industry. By meeting the latest standard, Kodair's turbines help set a benchmark for performance, safety, and reliability in distributed wind systems.

For more information about ICC-SWCC certifications, visit:
www.smallwindcertification.org

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About ICC-SWCC

The Small Wind Certification Council ([ICC-SWCC](#)), a program of ICC Evaluation Service, is ISO 17065 accredited to certify small and medium wind turbines that meet or exceed the requirements of specified standards. Designed to promote consumer confidence and mainstream acceptance of small and medium wind technology, ICC-SWCC certification standardizes North American reporting of turbine performance.

About ICC-ES

ICC-ES is the leading evaluation service for innovative building materials, components and systems. ICC-ES [Evaluation Reports](#) (ESRs), [Building Product Listings](#) and [PMG Listings](#) provide evidence that products and systems meet requirements of codes and technical standards worldwide, including the US, Canada, Mexico, Australia, New Zealand, and the MENA region. ICC-ES is a member of the [ICC](#) family of solutions.