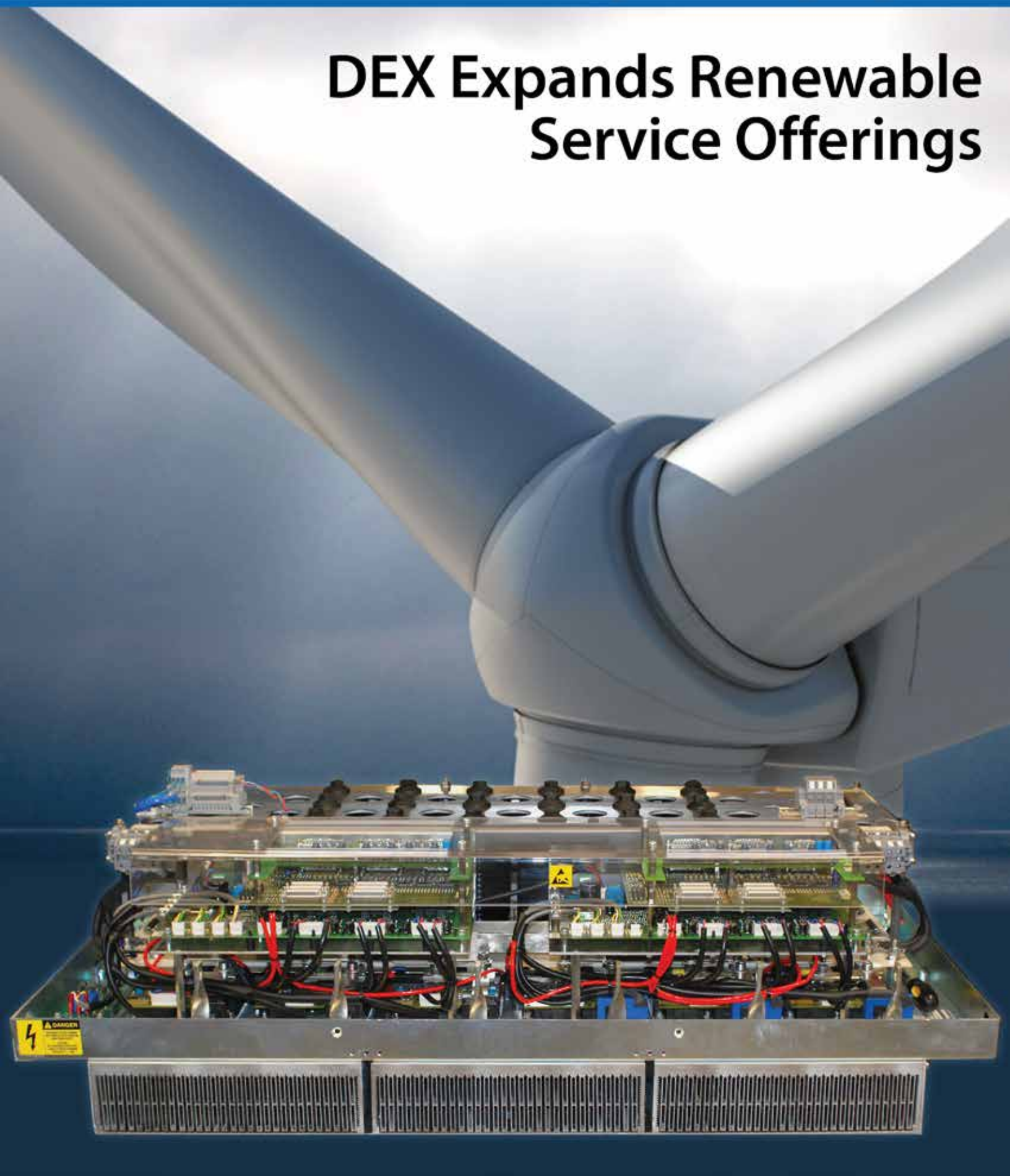




ENGINEERING | MANUFACTURING | PARTS | LOGISTICS

# DEX Expands Renewable Service Offerings



# Renewable Services & Solutions

Over the past 10 years DEX has brought high-tech services to the renewable energy sector. DEX provides manufacturing, repair, remanufacturing, and reverse engineering solutions to renewable parts and components. We understand the importance of renewable services, not just in their ability to reduce cost but also for their fundamental alignment with sustainable business ideologies which are focused on attaining higher levels of efficiency in all markets. Additionally, the synthesis of sustainable ideology and the high-tech industry has yielded new technologies aimed at improving the way we utilize resources and provides highly-optimized solutions. These critical turbine components, such as IGBTs, are also subject to failure overtime. DEX provides services to increase longevity and renew utility in order to extend their lifecycle. Because of our past success in providing these services to similar technologies in the healthcare, information technology, and computer industries, we are proud to further expand our

service expertise into the alternative energy service market. DEX manufactures and repairs many components found in today's turbines such as:

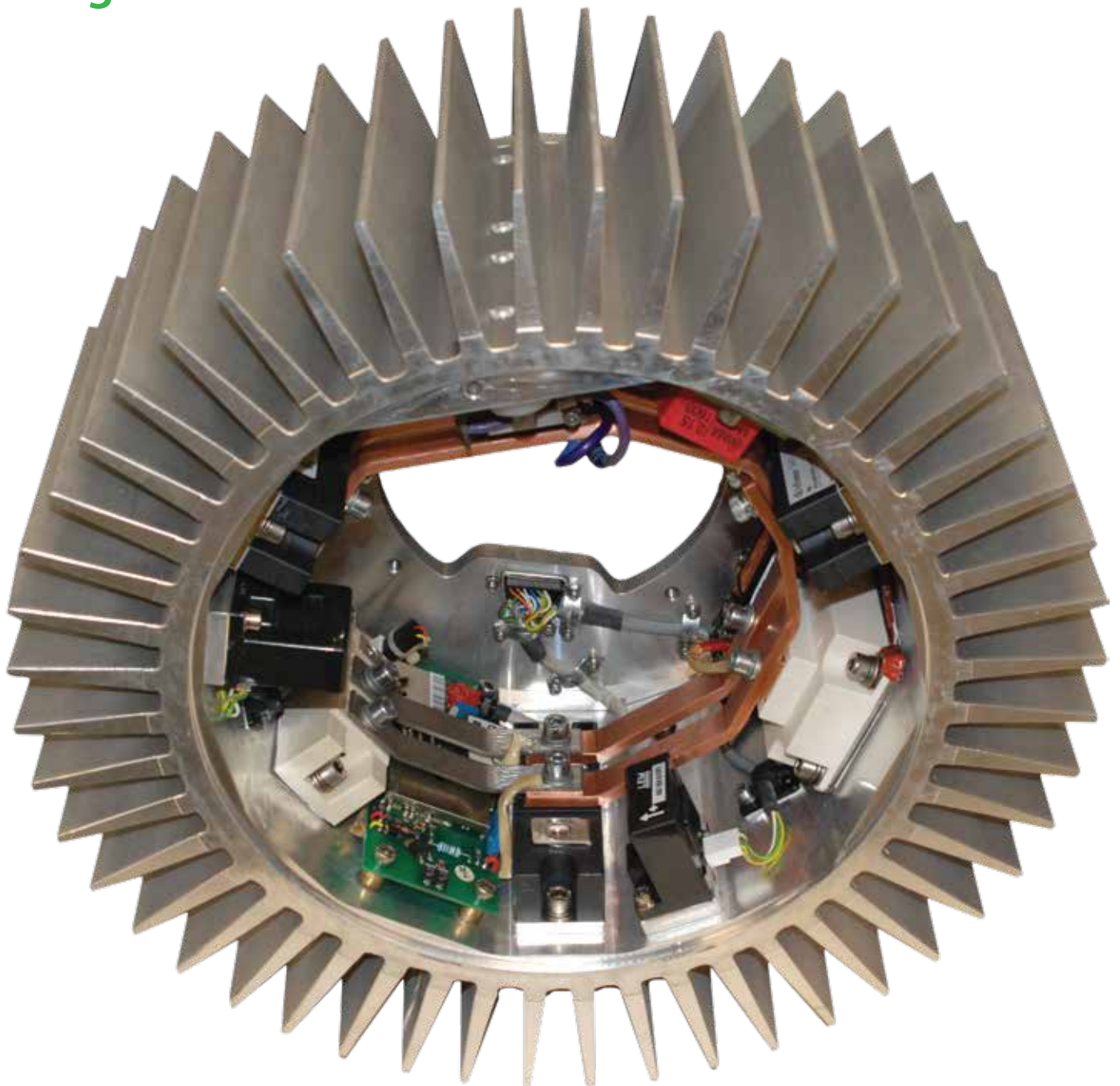
- AEBI & AEPC cards
- Clipper Matrix
- Line-side & Rotor-side IGBTs
- Hub Converters
- Power Control Boards
- VRCCs
- IGBT Power Stacks

Our newest addition to our renewable portfolio is our wind tunnel test and calibration system. This functional test fixture allows for the testing and calibration of various anemometer types, further increasing DEX's renewable service offerings.

- Ultrasonic anemometers
- Cup anemometers
- Wind vanes
- Propeller anemometers

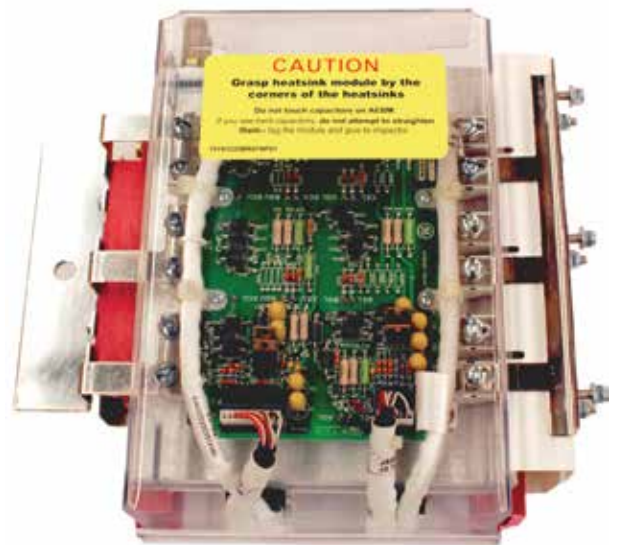
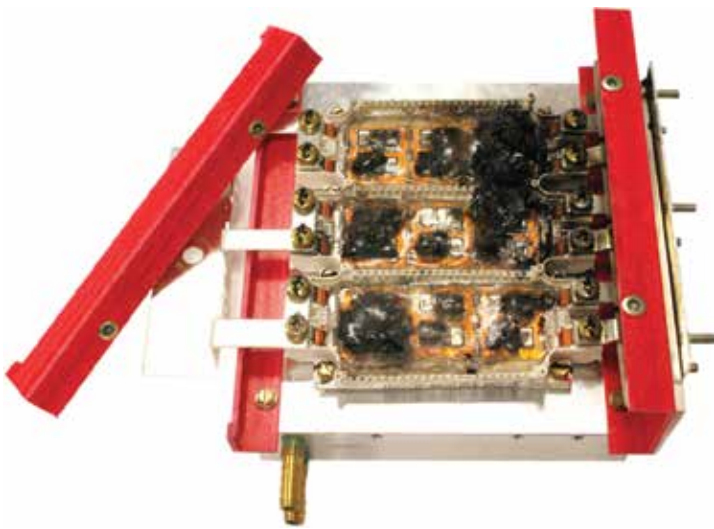


DEX takes a proactive stance in maintaining our status as an industry-leading expert in the renewable industry by constantly expanding our portfolio of services. Our engineers are continually working on tooling processes and products for this ever expanding industry segment.



# IGBT Manufacturing

Since the 1970s, IGBTs have become the industry standard for semiconductors in situations where a semiconductor component is needed for high voltage, high current, and low switching frequencies. DEX is pleased to offer our manufacturing, remanufacturing, and reverse engineering capabilities to our global clientele. These solutions can help an enterprise avoid unnecessary and costly investments by providing the opportunity to either replace or renew obsolete turbine components. Our renewable service offerings apply to most models and designs of IGBT components, as our highly-knowl-edge engineering experts and technicians possess a vast knowledge and years of experience working with high-tech turbine parts and components. Choosing a Renewable Service Solution from DEX will provide an enterprise with increased revenue by building on and revitalizing their existing investments in high-tech product stock.



# Electronics Test & Repair

In the ever-progressing pursuit of alternative forms of energy, wind-power has quickly become one of the most promising and pervasive options to emerge from the high-tech community. These turbines which so efficiently convert kinetic wind energy into electricity come in a varied number of sizes and configurations; however, they are all subject to failure at some point in their lifetime. DEX not only repairs and manufactures critical turbine parts and components, we build functional test equipment and write custom software to simulate real-world conditions and a component's hypothetical reaction once inserted into a wind turbine. By testing on simulators as opposed to component level tests we are able to come as close as possible to determining the culprit which is causing the fault within a turbine component. A repair renewable service solution can maximize the return of an investment into wind turbines, a thriving and progressive technology.



# Anemometer Testing, Calibration, and Repair

The anemometer is a critical component within many products of the aerodynamic, meteorological and renewable industries and is relied upon for accurately measuring wind speeds in a multitude of situations. Because of the often delicate and necessary standards of accuracy expected of these instruments, it is crucial that they are calibrated properly. Often a malfunctioning anemometer can be a costly fault within a turbine since it would not properly capture the wind direction and speed for optimal turbine performance. DEX offers service solutions for high-tech Vane, Hot Wire, Laser Doppler, and Sonic anemometers for use in the wind technology industry. Our test & repair services can provide top-tier functionality testing using state-of-the-art wind tunnel technology to assure that your component functions as-intended, eliminating the operational risks that could contribute to a malfunctioning anemometer within a wind turbine. DEX is also capable of providing renewable services to aging or depreciated anemometers, in order return functionality and provide a longer lifecycle for high-tech product investments.



# About DEX

As a responsible corporate citizen, DEX prides itself on the success of our sustainable practices. Not only does DEX offer manufacturing solutions in the form of repair, refurbishment, rebuilding, and remanufacturing that help our clients reduce waste and cost, we also offer our clients other solutions such as the Single Point of Return or Product Return Centers. SPOR/PRC locations provide a centralized point of return and warehousing for all product, thus minimizing a corporation's carbon footprint and possibly reducing on hand inventory. Technical services can also be integrated as the form of a DEXPod™, a self-contained operational unit that functions within a customer's location, further increasing a company's sustainability factor and decreasing costs.

For DEX, sustainability is not just about contributing positively as an individual enterprise but creating a system in

which our relationships with clients and partners effect a more sustainable corporate culture. In the social sphere, our flag-ship California plant participates in social and educational programs, coordinating with institutions such as the local universities to offer internships and opportunities to students and community members who value the personal and social wellbeing of themselves and others.

Contact us (888) 678-9201 or visit us on the web at [www.dex.com](http://www.dex.com) to learn more about DEX.



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