

## CSR-ZELRI orders wind turbine components from AMSC

DEVENS, MASSACHUSETTS, USA, January 27, 2009. [American Superconductor Corporation](#) (AMSC) has received a multi-million-dollar order for 100 sets of its wind turbine core electrical components from China's CSR Zhuzhou Electric Locomotive Research Institute Co. CSR-ZELRI will use the components in **1.65 MW wind turbines** designed by AMSC's wholly owned [AMSC Windtec®](#) subsidiary. AMSC expects to ship all of the core electrical components by the end of 2009 to support CSR-ZELRI's increased production of wind turbines.

AMSC's **core electrical components** include the company's [PowerModule™ PM3000W](#) power converter and enable the control of power flows, regulating voltage, monitoring system performance and controlling the pitch of wind turbine blades to maximise efficiency. The PM3000W is a fully programmable, flexible and modular power converter developed specifically for wind turbines with power ratings up to 6 MW.

"**China's wind industry** continues to move forward at an aggressive pace through the global economic downturn, and further growth is projected for the next decade," says Du Jinsong, General Manager of CSR-ZELRI's wind power business unit.

Based in Zhuzhou City in the Hunan province of China, CSR-ZELRI first began working with AMSC Windtec in January 2007. Under the terms of the original license agreement, AMSC also received the right to provide CSR-ZELRI with core electrical components for all of its 1.65 MW wind turbines. Including this latest order, CSR-ZELRI has ordered more than 170 sets of core electrical components from AMSC to date.

According to the [Chinese Wind Energy Association](#), China will grow its base of wind power from 5.9 GW at the end of 2007 to more 10 GW in 2008. In its [Global Wind Energy Outlook 2008](#) report, the [Global Wind Energy Council](#) (GWEC) estimates that China's installed base could grow to 101 GW by 2020 under its 'moderate' outlook scenario and 201 GW under its 'advanced' scenario.