



AMSC Receives Orders for Wind Turbine Electrical Systems from Customers in Canada and China

- ZERLI Places Follow-on Order for Electrical Systems for an Additional 20 Wind Turbines**
- AAER, Inc. Places Order for Electrical Systems to be Used in its First 10 Wind Turbines**

DEVENS, Mass.--(BUSINESS WIRE)--Jan. 29, 2008--American Superconductor Corporation (NASDAQ: AMSC), a leading energy technologies company, today announced that it has received more than \$3 million in orders for its wind turbine core electrical components and systems from two AMSC Windtec customers: China's CSR Zhuzhou Electric Locomotive Research Institute ("CSR-ZELRI") and Canada's AAER, Inc. AMSC's electrical systems include the company's proprietary PowerModule™ power converter and enable reliable, high-performance wind turbine operation by controlling power flows, regulating voltage, monitoring system performance and controlling the pitch of wind turbine blades to maximize efficiency.

"These most recent orders demonstrate AMSC Windtec's unique ability to get new wind turbine manufacturers up and running quickly in a dynamic marketplace," said Greg Yurek, founder and chief executive officer of AMSC. "With ZELRI placing repeat orders for electrical systems and AAER making its first purchases, our customers are signaling the commencement of their production ramp ups to meet the growing demand for zero-emission wind turbines worldwide."

CSR-ZELRI Order

Located in Zhuzhou City in the Hunan province of China, ZELRI purchased a license in January 2007 for AMSC Windtec's 1.65 megawatt (MW) WT1650 wind turbine design. Under the license agreement, ZELRI agreed to pay AMSC a multi-million-dollar upfront fee as well as a royalty payment for each WT1650 system installed. AMSC also has a right of first refusal to provide the electrical systems for each WT1650 manufactured by ZELRI.

AMSC received its initial order from ZELRI for electrical systems for 10 wind turbines in September 2007. ZELRI has now placed an order for electrical systems for 20 additional wind turbines. ZELRI recently began testing a prototype WT1650 wind turbine at a location south of Changsha, China. The wind turbine successfully passed trial operation after being connected to the grid in November 2007, just 10 months after ZELRI engaged AMSC Windtec. ZELRI expects to complete prototype testing and begin shipping wind turbines to customers in mid 2008. The company expects to manufacture more than 100 WT1650 wind turbines in 2009.

AAER Order

Located in Quebec, AAER Inc. is Canada's first wind turbine manufacturer. The company recently ordered 10 electrical systems from AMSC for its first 1.5 MW wind turbines. AAER Inc. plans to begin manufacturing these turbines in 2008. In October 2007, AAER purchased licenses from AMSC for AMSC Windtec's WT-2000sg, a proprietary 2 MW wind turbine design. AAER plans to manufacture, sell and commission those wind turbines in Canada, the United States, Mexico, France and the United Kingdom.

In addition to multi-million-dollar upfront license fees for the WT-2000sg, AMSC will receive royalties for every WT-2000sg wind turbine commissioned by AAER and will sell to AAER the electrical systems essential to the operation of the turbines.

"AMSC has continued to increase its penetration of the global wind power market, with sales now being generated on four continents," Yurek said. "Recent reports show very rapid growth in the wind industry again in 2007, a worldwide trend that is expected to continue for many years to come. This gives us a tremendous opportunity to accelerate our growth and extend our current base of sales."

According to a report issued on January 18, 2008 by the Global Wind Energy Council (GWEC), 2007 was a record-setting year for the worldwide wind energy market. Total installed wind power capacity grew by 20 gigawatts (GW), or 27 percent year over year, to 94 GW worldwide. With these most recent orders, AMSC's technologies are supporting approximately 6.5 GW of wind power globally.

[About American Superconductor \(NASDAQ: AMSC\)](#)

AMSC is a leading energy technologies company offering an array of solutions based on two proprietary technologies: programmable power electronic converters and high temperature superconductor (HTS) wires. The company's products, services and system-level solutions enable cleaner, more efficient and more reliable generation, delivery and use of electric power. AMSC is a leader in alternative energy, offering grid interconnection solutions as well as licensed wind energy designs and electrical systems. As the world's principal supplier of HTS wire, the company is enabling a new generation of compact, high-power electrical products, including power cables, grid-level surge protectors, Secure Super Grids™ technology, motors, generators, and advanced transportation and defense systems. AMSC also provides utility and industrial customers worldwide with voltage regulation systems that dramatically enhance power grid capacity, reliability and security, as well as industrial productivity. The company's technologies are protected by a broad and deep intellectual property portfolio consisting of hundreds of patents and licenses worldwide. More information is available at www.amsc.com.

American Superconductor and design, Revolutionizing the Way the World Uses Electricity, AMSC, Powered by AMSC, SuperVAR, D-VAR, DVC, PQ-IVR, PowerModule, PQ-SVC, Secure Super Grids, Windtec and SuperGEAR are trademarks or registered trademarks of American Superconductor Corporation or its subsidiaries.

Any statements in this release about future expectations, plans and prospects for the company, including our expectations regarding the future financial performance of the company and other statements containing the words "believes," "anticipates," "plans," "expects," "will" and similar expressions, constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. There are a number of important factors that could cause actual results to differ materially from those indicated by such forward-looking statements. Such factors include: uncertainties regarding the company's ability to obtain anticipated funding from corporate and government contracts, to successfully develop, manufacture and market commercial products, and to secure anticipated orders; the risk that a robust market may not develop for the company's products; the risk that strategic alliances and other contracts may be terminated; the risk that certain technologies utilized by the company will infringe intellectual property rights of others; and the competition encountered by the company. Reference is made to these and other factors discussed in the "Risk Factors" section of the company's most recent quarterly or annual report filed with the Securities and Exchange Commission. In addition, the forward-looking statements included in this press release represent the company's views as of the date of this release. While the company anticipates that subsequent events and developments may cause the company's views to change, the company specifically disclaims any obligation to update these forward-looking statements. These forward-looking statements should not be relied upon as representing the company's views as of any date subsequent to the date this press release is issued.

MULTIMEDIA AVAILABLE:

<http://www.businesswire.com/cgi-bin/mmg.cgi?eid=5595304>

CONTACT: American Superconductor Corporation (NASDAQ: AMSC)

Jason Fredette, 978-842-3177

Director of Investor & Media Relations

jfredette@amsc.com

SOURCE: American Superconductor Corporation