



AMSC Receives \$9 Million Follow-on Order for Wind Turbine Electrical Control Systems from India's Inox Wind

- Full-Scale Production of Wind Turbines Initiated at 800 Megawatt Factory in India**
- Inox Poised to Become a Leading Player in the Global Wind Market**

DEVENS, Mass., Jan 25, 2011 (BUSINESS WIRE) --

American Superconductor Corporation (NASDAQ: AMSC), a global power technologies company, today announced that it has received a \$9 million follow-on order for the supply of wind turbine electrical control systems from Inox Wind Limited (IWL), part of India's Inox Group of Companies. [In August of 2010](#), Inox placed an initial order for 17 of AMSC's wind turbine electrical control systems, which, as the "brains" of the wind turbine, monitor and control its operation and the flow of zero-emission electricity to the power grid. The systems are being utilized in 2 megawatt (MW) doubly-fed induction wind turbines that Inox is manufacturing under a global AMSC Windtec™ license.

"India has one of the fastest growing economies in the world," said Devansh Jain, Director of Inox Wind Limited. "When considering our rapid urbanization and industrialization combined with our need to reduce pollution and increase electricity generation, it is imperative that we continue to promote and produce zero-emission electricity from sources such as wind. Our partnership with AMSC has enabled us to enter full-scale manufacturing quite rapidly, taking us one step closer to our goal of becoming a leader in the global wind power marketplace."

Inox Wind Limited (IWL) currently has the ability to manufacture 400 of its 2 MW wind turbines annually at its facility in Una (Himachal Pradesh) India. Today, approximately one-third of India's 1.1 billion people do not have access to electricity. Demand for electric power in India from wind and other energy sources is expected to continue to grow strongly for decades to come.

"India is expected to be a major market for clean technology solutions, and Inox Wind is well positioned to be a leader in this sector," said AMSC founder and Chief Executive Officer Greg Yurek. "Inox has rapidly established a wind turbine manufacturing capacity of 800 MW per year and, with this new \$9 million order, Inox is becoming one of our key wind turbine manufacturing customers."

India had 11,800 MW of wind power installed at the end of March 2010 according to the Indian Wind Energy Association, making it the world's fifth largest wind power market. IHS Emerging Energy Research expects that India will more than double its installed capacity to nearly 24,000 MW by the end of 2015 and will triple its installed base to more than 34,000 MW by the end of 2020. According to the Global Wind Energy Council (GWEC), the global wind power installed base is expected to more than double from 158,505 MW in 2009 to more than 347,000 MW by the end of 2013.

AMSC's wind turbine power electronics and control systems include the company's proprietary PowerModule™ power converters, pitch and yaw converters, SCADA systems and integrated control systems. They enable reliable, high-performance wind turbine operation by controlling power flows, regulating voltage, monitoring system performance, controlling the pitch of wind turbine blades and the yaw of the turbines to maximize efficiency.

To learn more about AMSC's product offerings for the wind industry, please visit <http://www.amsc.com/products/applications/windEnergy/index.html>.

[About Inox Wind Limited](#)

Inox Wind Limited is part of the Inox Group of Companies. Inox Group is a \$2 billion, professionally managed business group, with interests in diverse businesses including Industrial Gases, Refrigerants, Chemicals, Carbon Credits, Cryogenic Engineering, Renewable Energy and Entertainment. The INOX Group employs more than 5,000 people at more than 100 business units across the country, and has a distribution network that is spread across more than 50 countries around the globe. Each INOX Group company is characterized by three distinct characteristics - early identification of a winning business idea, building it to a size of dominant market leadership in that segment, and attaining a profit leadership position through cutting-edge efficiency in operations. The Inox Group of Companies, apart from Inox Wind Limited, includes amongst others, Inox Air Products Limited, Gujarat Fluorochemicals Limited, Inox India Limited and Inox Leisure Limited. More information is

available at www.inoxwind.com.

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

AMSC offers an array of proprietary technologies and solutions spanning the electric power infrastructure - from generation to delivery to end use. The company is a leader in [renewable energy](#), providing proven, megawatt-scale wind turbine designs and electrical control systems. The company also offers a host of [Smart Grid](#) technologies for power grid operators that enhance the reliability, efficiency and capacity of the grid, and seamlessly integrate renewable energy sources into the power infrastructure. These include superconductor power cable systems, grid-level surge protectors and power electronics-based voltage stabilization systems. AMSC'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.

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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 materially impact the value of our common stock or cause actual results to differ materially from those indicated by such forward-looking statements. Such factors include: we have a history of operating losses, and we may incur losses in the future; our operating results may fluctuate significantly from quarter to quarter and may fall below expectations in any particular fiscal quarter; a significant portion of our revenues are derived from a single customer and revenues from this customer may decline in future periods; adverse changes in domestic and global economic conditions could adversely affect our business; changes in exchange rates could adversely affect our financial results; we may not realize all of the sales expected from our backlog of orders and contracts; we rely upon third party suppliers for the components and subassemblies of many of our products, making us vulnerable to supply shortages and price fluctuations; we have not manufactured our Amperium wire in commercial quantities, and a failure to manufacture our Amperium wire in commercial quantities at acceptable cost and quality levels would substantially limit our future revenue and profit potential; and our patents may not provide meaningful protection for our technology, which could result in us losing some or all of our market position. 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, any 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.

SOURCE: American Superconductor Corporation

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