

Company Overview

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 global leader in alternative 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.

Wind Power Offerings

AMSC's wholly-owned AMSC Windtec™ subsidiary designs a variety of megawatt-class wind turbines for use both onshore and offshore.



AMSC Windtec then licenses those designs to manufacturers and provides extensive service and support through their scale up. This unique business model enables new wind turbine manufacturers to begin

commercial production in as little as 12 months. AMSC Windtec currently has more than a dozen customers around the world.

AMSC Windtec also provides electrical control systems for each wind turbine that its customers produce. Based on AMSC's proprietary PowerModule™ power converter, these best-in-class systems control the power conversion and operation of the entire wind turbine and monitor their performance with advanced SCADA and condition monitoring systems.

AMSC now is combining its world-renowned wind turbine engineering experience with its leadership in the superconductor arena to develop its SeaTitan™ wind turbine. Utilizing superconductor direct drive generators, SeaTitans are being designed to produce 10 megawatts or more of power per tower, which would make them the world's largest and most powerful wind turbines.

Stock Information

(as of February 8, 2010)

Symbol:	Nasdaq: AMSC	Avg. Daily Volume:	1.1M
Stock Price:	\$30.88	Shares Out:	45.6M
Market Cap:	\$1.4B	Year End:	March 31
TTM Revenue:	\$290M	Website:	www.amsc.com

Research Coverage

Meghan Moreland, Ardour Capital	Jim Ricchiuti, Needham & Co.
Vishal Shah, Barclays	Ben Schuman, Pacific Crest
Daniel Fiddell, Brean Murray	Jesse Pichel, Piper Jaffray
John Hardy, Broadpoint AmTech	Pavel Molchanov, Raymond James
Timothy Arcuri, Citigroup	Stuart Bush, RBC Capital Markets
Carter Shoop, Deutsche Bank	Michael Horwitz, RW Baird
Vijay Singh, Janco Partners	Theodore O'Neill, Wunderlich Sec.
Paul Clegg, Jefferies & Company	

Smart Grid Offerings

AMSC provides a wide range of proven Smart Grid infrastructure solutions. The company's D-VAR® solution has become the de facto



standard for connecting wind farms to the power grid worldwide. This product also offers provides electric utilities with the ability to stabilize grid voltage levels on a real-time basis. AMSC's D-VAR customers include more than 20 electric utilities and over 50 wind farms worldwide.

AMSC's scalable static VAR compensator (SVC) can be used on transmission and distribution systems. High-voltage SVCs continuously enhance the performance of transmission lines, improve efficiency and prevent blackouts. Lower voltage SVC solutions, meanwhile, can vastly improve power quality and operational efficiency for large industrial operations.

Superconductors have been identified by the U.S. Department of Energy as a fundamental technology needed for the Smart Grid. Superconductor power cables can carry up to 10 times as much power as conventional cables and also can significantly increase transmission efficiency. In addition, AMSC's Secure Super Grid™ technology provides electric utilities with the ability to automatically suppress power surges right within the cable itself and create resilient, self-healing grids. Initial superconductor cable systems are now operating in the power grids in Ohio and on Long Island.

Institutional Shareholder Data

# of institutional shareholders	247
% of shares held by institutions	79%

Top Institutional Shareholders	Shares
BlackRock Investment Mgmt.	7,566,431
Fidelity Management & Research	1,885,900
Vanguard Group	1,640,660
Columbia Management Advisors	1,476,717
OppenheimerFunds	1,460,410
Munder Capital Mgmt.	1,313,674
Copper Rock Capital	977,865
Invesco PowerShares Capital Mgmt.	936,175
State Street Global Advisors	893,235
Coatue Capital	667,567

Select Executives

Gregory J. Yurek, Ph.D.

Founder, Chairman of the Board and Chief Executive Officer

Daniel P. McGahn

President and Chief Operating Officer

David A. Henry

Senior Vice President, Chief Financial Officer and Treasurer

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Investment Highlights

Rapid Growth – AMSC increased its revenues from \$112 million in fiscal 2007 to \$183 million in fiscal 2008 (ended March 31, 2009). The company's guidance (provided February 2, 2010) calls for revenues to grow to a range of \$312 million to \$315 million in fiscal 2009.

Sizable Backlog – While AMSC is posting solid growth today, the company also is maintaining a significant backlog of orders. As of December 31, 2009, the company had nearly \$546 million in total backlog.

Solid Balance Sheet – With more than \$135 million in cash, cash equivalents, investments and restricted cash as of January 31, 2010, AMSC has ample resources to meet its aggressive growth plans.

Substantial Wind Energy Business – AMSC's growth today is being driven in large part by the company's offerings in the wind energy market. AMSC designs wind turbines and sells wind turbine electrical systems. The company expects to generate approximately 80-85% of its revenues from the wind energy market in fiscal 2009.

Growing Presence in China – A majority of AMSC's product shipments today are going to Chinese wind turbine manufacturers. To meet a rapid rise in demand, AMSC is scaling production of its power electronics products in Suzhou, China.

Substantial Potential With Superconductors – AMSC is working to commercialize its AMSC Superconductors business to capitalize on billion-dollar opportunities in the power grid and renewable energy markets, among others.

Recent Developments

February 2010 – AMSC received an initial order for full wind turbine electrical control systems from China's Shenyang Blower Works (Group) Co., Ltd. that is worth approximately US\$70 million.

January 2010 – AMSC received an initial order for 100 sets of wind turbine core electrical components from China's XJ Group Corporation for 2 megawatt wind turbines that were co-developed with AMSC Windtec.

January 2010 – AMSC landed its fourth D-VAR system contract for China's power grid from Xiamen-based Xiamen Red Phase Instruments Inc.

Safe Harbor Statement

Any statements in this document about future expectations, plans and prospects for the Company, including those 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: we have a history of operating losses, and we may incur losses in the future; a significant portion of our revenues are derived from a single customer, and a reduction in business with this customer could adversely affect our operating results; adverse changes in domestic and global economic conditions could adversely affect our operating results; changes in exchange rates could adversely affect our results from operations; our common stock may experience extreme market price and volume fluctuations, which may prevent our stockholders from selling our common stock at a profit and could lead to costly litigation against us that could divert our management's attention; if we fail to implement our business strategy, our financial performance and our growth could be materially and adversely affected; we may not realize all of the sales expected from our backlog of orders and contracts; many of our revenue opportunities are dependent upon subcontractors and other business collaborators, and a reduction in orders stemming from these companies could adversely affect our operating results; our products face intense competition, which could limit our ability to acquire or retain customers; our success is dependent upon attracting and retaining qualified personnel and our inability to do so could significantly damage our business and prospects; and our international operations are subject to risks that we do not face in the U.S., which could have an adverse effect on our operating results. Reference is made to these and other factors discussed in the "Management's Discussion and Analysis of Financial Condition and Results of Operation" section of the Company's most recent quarterly or annual report filed with the Securities and Exchange Commission. 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 document is issued.

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