



**For Immediate Release**

## **COMPOSITE TECHNOLOGY ANNOUNCES SIGNIFICANT CABLE ORDER FOR CHINA**

### **Next Installment of ACCC™ Conductor for 500kV Line**

**Irvine, CA** – March 18, 2009 - Composite Technology Corporation (CTC) (OTC Bulletin Board: CPTC) is pleased to announce the next installment in a milestone order for its subsidiary CTC Cable Corporation. The order issued by Far East Composite Technology Company, a subsidiary of Jiangsu New Far East Cable Corporation (Far East), is comprised of ACCC™ core and associated hardware to be used on a critical 600 kilometer, 500kV transmission line in China. This line represents the first time ACCC™ conductor will be used on a 500kV line and signals the suitability of ACCC™ conductor for a much broader range of transmission applications.

CTC Cable's ACCC™ conductor was chosen for this critical line due to its ability to provide capacity expansion with the highest performance and lowest weight. This existing 500kV transmission line contains many older towers and the required capacity expansion can be achieved using ACCC™ conductor without the massive expense of upgrading existing towers as would have been required had a heavier, traditional conductor been selected for the same capacity. The weight advantage is an additional benefit to the superior temperature sag profile and unmatched transmission efficiency. The choice of CTC Cable's ACCC™ conductor for this application is another strong vote of confidence in ACCC™ which is the most broadly accepted composite core conductor technology in the industry with over 125 installations to date. The reliability of patented ACCC™ conductor technology, which is also patented in China, has been proven by its use in transmission lines around the world for over three years; including thousands of kilometers of transmission lines in China. The patented, high performance hardware used for splicing conductor lines, and attaching the conductor to towers has been comprehensively tested through extensive third-party analysis and is well proven through the deployment of over ten thousand hardware units. The 500kV transmission line will use a bundle of 4 Dove sized ACCC™ conductors. The core will be stranded by Far East in China under terms of an established Distribution Agreement. The line is planned for installation in mid-2009.

“CTC Cable has a defined strategy to raise the profile and use of ACCC™ conductor to ever increasing transmission voltages. We are very confident in the conductor's performance at 500kV since virtually every aspect of the use of ACCC™ conductor has been thoroughly analyzed. CTC Cable worked very closely with Far East in China to carefully review and approve installation methods for this four bundle line. We believe we have reached another critical milestone with the use of ACCC™ conductor at 500KV. It is always rewarding to see your plans come to life and we look forward to even higher voltage use, as we are now under final review with other clients interested in using ACCC™ conductor in voltages above 750kV”, stated Marv Sepe, COO of CTC and President of CTC Cable.

#### **About Jiangsu New Far East Cable Corporation:**

Jiangsu New Far East Cable Corporation and its subsidiary, Far East Composite Technology Company, are located in Yixing City, Jiangsu, China. Jiangsu New Far East is one of China's leading manufacturers of electrical transmission and distribution cable, which it sells to China's regional power grids through 200 local distributors.

#### **About CTC:**

Composite Technology Corporation, based in Irvine, California, USA, develops, manufactures and sells innovative high performance electrical transmission and renewable energy generation products through its subsidiaries:



CTC Cable Corporation produces composite rod for use in its patented high efficiency ACCC\* conductors, used in electrical transmission grids. ACCC™ conductors have less line loss compared to similar diameter conventional conductors and therefore enable power generators to reduce the amount of generation while still delivering the same power to customers. Our conductors have demonstrated significant savings in upgrade capital costs as well as operating expenses when substituted in grid systems. ACCC™ conductors enable grid operators to reduce blackouts and brownouts by providing reserve electrical capacity, since they can be operated at higher temperatures without significant thermal line sag. ACCC™ conductors are an economical solution for reconductoring power lines, constructing new lines and crossing large spans. ACCC™ core is produced by CTC Cable and delivered to licensed qualified conductor manufacturers worldwide for ACCC™ conductor production and resale into local markets.

DeWind Inc. designs, produces, and sells the DeWind series of wind energy turbines, including the new 2 megawatt (MW) D8.2 model in both 60Hz and 50Hz, the 2MW D8 model in 50Hz, and the 1.25MW D6 model in 50Hz. The D8.2 turbine uses a WinDrive® hydrodynamic torque converter, by Voith AG, in combination with a synchronous high voltage generator that is synchronized directly to the grid without the use of power conversion electronics. DeWind D8.2 turbines are assembled at TECO Westinghouse Motor Co., in Texas.

\*ACCC is a trademark of CTC Cable Corporation

For further information visit our website: [www.compositetechcorp.com](http://www.compositetechcorp.com). Investor Relations Contact: James Carswell, +1-949-428-8500.

This press release may contain forward-looking statements, as defined in the Securities Reform Act of 1995 (the "Reform Act"). The safe harbor for forward-looking statements provided to companies by the Reform Act does not apply to Composite Technology Corporation (the "Company"). However, actual events or results may differ from the Company's expectations on a negative or positive basis and are subject to a number of known and unknown risks and uncertainties including, but not limited to, new or revised governmental laws and regulations (or the lack thereof) that affect wind energy, competition with larger companies, development of and demand for a new technology, risks associated with a startup company, the ability of the company to convert quotations and framework agreements into firm orders, our customers' fulfillment of payment obligations under the respective supply agreement, our ability to deliver reliable turbines on a timely basis, general economic conditions, the availability of funds for capital expenditure and financing in general by us and our customers, availability of timely financing, cash flow, securing sufficient quantities of essential raw materials, timely delivery by suppliers, ability to produce the turbines and acquire their components, ability to maintain quality control, collection-related and currency risks from international transactions, the successful outcome of joint venture negotiations, or the Company's ability to manage growth. Other risk factors attributable to the Company's business may affect the actual results achieved by the Company, including those that are found in the Company's Annual Report filed with the SEC on Form 10-K for fiscal year ended September 30, 2008 and subsequent Quarterly Reports on Form 10-Q and subsequent Current Reports filed on Form 8-K that will be included with or prior to the filing of the Company's next Quarterly or Annual Report.