Energy Composites Corporation Receives MEGA Order for Composite Tanks

WISCONSIN RAPIDS, Wis. July 21, 2010--(BUSINESS WIRE)-- Energy Composites Corporation (“ECC”) (NASDAQ OTC:ENCC) a leading provider of composites-based solutions to the clean-tech sector, today announced that it has received the largest composite structure fabrication purchase order in the Company’s history. Under the multi-million dollar agreement, ECC will fabricate 76 large diameter chemical storage tanks for a global mining leader’s new nickel processing plant in Newfoundland. Production begins in August and runs throughout the remainder of 2010 and much of 2011. ECC will complete its work on the project under a subcontract from its strategic partner in Canada, AC Plastiques.

ECC will produce 76 vertical, fiber-wound tanks in diameters from 20 feet to 6 feet. All tanks will be produced in ECC’s 73,000 square foot Wisconsin Rapids, WI climate controlled production center. The tanks will then be taken to a shipping port on Lake Michigan so that they can more easily be shipped by barge to the Newfoundland site. The larger tanks will be produced with ECC’s new portable horizontal field winder, which enables ECC to wind very large diameter tanks up to 40 feet in length without body joints.

ECC’s corrosion resistant tank design makes use of Derakane® Epoxy Vinyl Ester resins from Ashland Inc. As well as boron-free Advantex ECR™ glass from Owens Corning. The Company’s logistics advantages include the opportunity to ship completed tanks by barge from the lake port at Manitowoc, WI to the final destination in Newfoundland. ECC will complete engineering and design work on

the project shortly and then initiate production next month.

“We are pleased to receive this significant contract,” noted Jamie Mancl, ECC’s President and Founder. “This marks the successful completion of a twenty four month sales and engineering effort that was substantially enhanced by the addition of our new sales and marketing team led by Jim Thomas. I want to congratulate our entire ECC team as well as our partners AC Plastiques, Owens Corning and Ashland, for this achievement.”

Jim Thomas, ECC’s national sales manager, added, “Our sourcing partnerships and logistics plan made a big difference in securing this project. Working closely with the client to precisely understand their requirements allowed us to submit a highly attractive bid that was ultimately successful. We continue to work with our client to refine the final work plan, and anticipate additional orders as well on the project.”

Thom Johnson, Corrosion Industry Manager at Ashland Chemical added, “ECC worked very hard to secure this project. Their capabilities to fabricate high quality corrosion resistant composite equipment using Ashland’s DERAKANE® Epoxy Vinyl Ester resins at a competitive price was the key in winning this bid. We look forward to working closely with Jamie and his team as they undertake this momentous project.”

Eric Lamontagne, Vice President of AC Plastiques Canada, Inc., added, “This contract signifies a great deal of success with the collaboration efforts that had started in early 2008 between AC Plastiques and ECC Corrosion, formerly AFT, Inc. We look forward to join our respective forces to deliver competitive, high quality composite equipment to our client.”

ENERGY COMPOSITES CORPORATION

About Energy Composites Corporation

ECC operates a world-class, automated 73,000 sq. ft. climate-controlled manufacturing facility in Wisconsin Rapids, WI, employing advanced composite materials to design, engineer and manufacture complex composite structures, vessels and processing systems for a range of clean-tech applications that include: wind energy system components, flue gas desulfurization for power plants, infrastructure for biofuel storage and processing, infrastructure for managing waste water and drinking water storage, advanced municipal utilities infrastructure, and caustic material storage and handling systems for the petrochemical, mining and the pulp and paper industries. ECC also provides 24/7 field service crews nationwide for wind energy system composites maintenance, repair and overhaul; industrial retrofit, shutdown and maintenance; system installation; and repair and inspection services. For additional information, visit our website at www.energycompositescorp.com or contact Sam Fairchild at 1-800-787-5439.

Certain statements found in this press release may constitute forward-looking statements. Forward-looking statements are based on current expectations and include any statement that does not directly relate to a current or historical fact. Such statements are generally identifiable by the terminology used, such as “anticipate,” “believe,” “intend,” ”expect,” “plan,” or other similar words. Our forward-looking statements in this release generally relate to our expectations and beliefs with respect to our growth and expansion activities and plans. Although it is not possible to foresee all of the factors that may cause actual results to differ from our forward-looking statements, such factors include, among others, the following: (i) unforeseen delays, costs or

liabilities associated with our growth and expansion plans; (ii) fluctuations in general economic conditions; and (iii) those risks described from time to time in our reports to the Securities and Exchange Commission. Investors should not consider any list of such factors to be an exhaustive statement of all of the risks, uncertainties or potentially inaccurate assumptions that could cause our current expectations or beliefs to change. Shareholders and other readers should not place undue reliance on “forward-looking statements” as such statements speak only as of the date of this release. We undertake no obligation to update publicly or revise any forward-looking statements, other than as required by law.