



Composite Technology Corporation
Solutions For The Power Grid

For Immediate Release

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COMPOSITE TECHNOLOGY'S ACCC CABLE TO BE FEATURED IN POWER LINE SYSTEM'S CADD DESIGN TOOLS

Availability of ACCC specs, capabilities and benefits, in the industry standard of power line design software tools, to maximize CTC's product and technology exposure to industry decision-makers

Irvine, CA, January 27, 2004 - Composite Technology Corporation (CTC) (OTC Bulletin Board: CPTCE), a leading developer of high-performance composite core cables for electric transmission and distribution lines, today announced collaboration with Power Line Systems (PLS) to enable the use of its ACCC cables in the PLS family of power line design tools.

Eric Peyrot, vice president of PLS, when asked about the relationship, stated "Increasing the capacity of existing lines is one of the highest priorities for many of our customers. CTC's ACCC conductors, with their improved power transfer and sag characteristics, provide an exciting new option to these customers. We are happy to include CTC's conductors in our PLS-CADD conductor library so that the thousands of line design professionals using our PLS-CADD line design software can immediately investigate their benefits".

"We are delighted to have the operating parameters and cost benefits of our superior ACCC cable included in PLS-CADD, one of the most respected and comprehensive power line design software tools in use today," said Benton Wilcoxon, CTC Chairman and CEO. "This is sure to generate tremendous product exposure among decision-makers within the industry. Planning engineers will be able to precisely model a wide array of performance, cost and revenue data to contrast with existing technologies. This opportunity reflects another achievement for CTC's aggressive sales and marketing effort."

About PLS

Power Line Systems, based in Madison, Wisconsin, was founded in 1984 to provide consulting services and develop engineering software for the structural and geometric design of electric power lines. Since then Power Line Systems has become the world-wide leader in software for transmission lines. PLS supplies software to over 750 organizations in 75 countries. Their customers include the full spectrum from the smallest consulting organizations, fabricators and municipal utilities to over half of the hundred largest generating utilities in the U.S. and large international leaders like BC Hydro, Hydro Quebec, National Grid, Cemig, Power Link Queensland, Eskom, Comision Federal de Electricidad and Electricité de France, etc. See: www.powline.com Contact: Otto Lynch, Vice President Engineering Sales, Power Line Systems, Inc., 417-724-8292

About CTC

CTC is an Irvine, CA-based company providing high performance advanced composite core conductor cables for electric transmission and distribution lines. The proprietary new ACCC cable transmits two times more power than comparably sized conventional cables in use today. ACCC can solve line sag problems, create energy savings through less line losses, has significantly lower electromagnetic fields, and can easily be retrofitted on existing towers to upgrade energy throughput. ACCC cables allow



transmission owners, utility companies, and power producers to easily replace transmission lines without modification to the towers using standard installation techniques and equipment, thereby avoiding the deployment of new towers and establishment of new rights-of-way that are costly, time consuming, controversial and may impact the environment. CTC has established strategic relationships with existing cable manufacturers to rapidly expand production and facilitate deployment to end users worldwide. See: www.compositetechcorp.com.

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