

**For Immediate Release**Contact: James Carswell  
760-416-8628**COMPOSITE TECHNOLOGY ANNOUNCES TEN SIZES  
OF ITS ACCC CABLE NOW AVAILABLE IN PLS-CADD SOFTWARE****Ten ACCC Sizes Provide Compatibility With Over 85% Of The Cable Market**

**Irvine, CA, July 1, 2004** - Composite Technology Corporation (CTC) (OTC Bulletin Board: CPTC), a leading developer of high-performance composite core cables for electric transmission and distribution lines, today announced that its Aluminum Conductor Composite Core (ACCC) cable is now available in a family of the ten most popular sizes. ACCC cable has established a new standard for industry decision-makers evaluating transmission cable technology, through its integration in Power Line Systems' PLS-CADD line design software. As a result, ACCC cable will now be compatible with over 85% of the cable market.

The sizes of cable range from 3/4" in diameter to over 1-3/4" in diameter allowing a flow of ampacity from 300 amps to over 3,000 amps per line. The ampacity ratings of the ACCC cables are twice that of conventional steel core cables. In addition to high temperature performance, the ACCC cables also exhibit a reduction in line losses that exceed 20% when compared to traditional cable operating conditions. This savings can play a role in reducing consumer electricity costs.

"The availability of additional cable sizes represents a significant sales opportunity as the exacting requirements of the cable industry can now be met," said Benton Wilcoxon, CTC Chairman and CEO. "PLS software users continue to recognize and benefit from the cost and revenue advantages offered by ACCC cables. Now they will have the additional benefit of having cable available in a wide range of sizes. We are confident that our advanced cable technology, combined with PLS-CADD's worldwide acceptance among power line design engineers, will be a significant growth opportunity for CTC," concluded Wilcoxon.

Wilcoxon also noted that interim CFO, Mark Franzen, has resigned for personal reasons and will pursue other opportunities.

**About ACCC Cable**

Incorporated in the PLS-CADD program are the distinct operating features of ACCC cable, which are enabled by the company's proprietary composite core technology. The composite core is minimally affected by high electric loads (temperatures) resulting in substantially less line sag (often 90% less). This increases the utility's ability to deliver greater capacity using ACCC cables on existing structures and provides an overall increase in energy efficiency. Further, when new towers and lines are required, the PLS-CADD software can be used to demonstrate how utilities using ACCC can significantly reduce the number of support structures, reducing costs dramatically while maintaining safer, more reliable operating systems.

**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](http://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 high-temperature line sag problems, create energy savings through less line losses, has significantly lower corona and reduced 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](http://www.compositetechcorp.com)

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