



FOR IMMEDIATE RELEASE

AMBIENT INCORPORATES CAPACITIVE COUPLING INTO ITS PROPRIETARY NETWORK DESIGN

Ambient's FCC Authorization Expanded

Boston, MA, August 27, 2007 - Ambient Corporation (OTCBB: ABTG), a leader in Broadband over Power Lines (BPL) solutions, today announced that it has received an addition to its grant of BPL Equipment Authorization from the Federal Communications Commission (FCC), awarded on September 6, 2006 (press release - September 7, 2006).

This authorization allows Ambient's BPL systems to be commercially deployed with both Ambient inductive couplers as well as Artech capacitive couplers on medium voltage electrical distribution lines, which increases Ambient's flexibility in network design.

"Artech believes in the future of the North American Access BPL market and we are pleased to have our couplers incorporated into Ambient's FCC-certified network. As the North American utility infrastructure is in need of modernization, being a part of Ambient's deployments at the beginning stages of smart grid adoption is a very exciting opportunity for Artech," stated Lander Zugazaga, PLC Coupling Sales Manager at Artech Group.

The Ambient BPL network, designed to support a variety of utility and consumer services simultaneously, enables utility applications such as system monitoring, demand side management, current and voltage sensing, advanced metering infrastructure, while also offering broadband Internet access and telephony (VoIP - Voice over Internet Protocol) services.

"The FCC expansion of our equipment authorization allows us to utilize capacitive couplers where suitable in our overhead deployments," stated Ram Rao, CTO of Ambient Corporation. "Having an additional option in deploying our BPL communication platform demonstrates Ambient's flexible system architecture and technical leadership in our industry. Artech, who is a recognized global leader in coupling technology, has designed capacitive couplers, which compliment our BPL networks. We have already installed these couplers in our largest field deployment."

About Ambient Corporation

Ambient is a pioneer in the Broadband over Power Lines (BPL) industry and is engaged in the design, development and marketing of patented, FCC-certified BPL equipment and technologies. Ambient utilizes proprietary technology and in-depth industry experience to provide optimal solutions for Smart Grids and the Broadband Access and In-premise markets. Headquartered in Newton, MA, Ambient is a publicly traded company (OTCBB: ABTG). Visit Ambient at www.ambientcorp.com.

About Artech Group

ARTECHE has more than 60 years of experience offering its Customers solutions, in the electricity sector, in generation, transmission, distribution and industry. Years of experience that made it an international reference with a complete range of products and solutions

ARTECHE has equipment operating in over 130 countries, 12 companies in Europe, America and Asia and a service made up by more than 80 technical-commercial offices.

Visit Artech at www.artech.com.

This press release contains forward-looking statements that involve substantial uncertainties and risks. These forward-looking statements are based upon our current expectations, estimates and projections about our business and our industry, and that reflect our beliefs and assumptions based upon information available to us at the date of this release. We caution readers that forward-looking statements are predictions based on our current expectations about future events. These forward-looking statements are not guarantees of future performance and are subject to risks, uncertainties and assumptions that are difficult to predict. Our actual results, performance or achievements could differ materially from those expressed or implied by the forward-looking statements as a result of a number of factors, including but not limited to, changes in economic conditions generally and the broadband over power lines ("BPL") market specifically, changes in technology, legislative or regulatory changes that affect us, the availability of working capital, changes in costs and the availability of goods and services, the introduction of competing products, changes in our operating strategy or development plans, our ability to attract and retain qualified personnel, and changes in our acquisition and capital expenditure plans, and the risks and uncertainties discussed under the heading "RISK FACTORS" in Item 1 of our Annual Report on Form 10-KSB for the fiscal year ended December 31, 2006, and in our other filings with the Securities and Exchange Commission. We undertake no obligation to revise or update any forward-looking statement for any reason.

Ambient is a trademark of Ambient Corporation registered in the U.S. Patent and Trademark Office.

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