



For Immediate Release

AMBIENT REFLECTS ON PROGRESS OF 2005 AND OPPORTUNITIES IN 2006

\$725,000 in Revenue Recorded in First Quarter of 2006

Boston, MA – February 27, 2006 - Ambient Corporation (OTCBB: ABTG), a leader in Broadband over Power Lines (BPL) technology solutions, announced today that it has filed its Annual Report on Form 10-KSB for the year ended December 31, 2005. The Company filed the report prior to its due date in order to expedite the scheduling of its 2006 Annual Meeting of Stockholders.

During 2005, the Company generated \$237,000 in revenue, initiated two new utility pilots, launched a new Voice over Internet Protocol (VoIP) product in its Manhattan multi-dwelling unit (MDU) pilot, helped found the Universal Powerline Association (UPA), a BPL industry organization dedicated to promoting global BPL interoperability standards, and actively participated in the initiatives of the Institute of Electrical and Electronics Engineers, Inc. (IEEE) standard-setting working groups.

In the first two months of 2006, Ambient recorded revenue of \$725,000, showcased its technology at the United Power Line Council conference and raised \$1.35 million in secured interim funding. The Company recognized revenue of \$325,000 originally payable to Consolidated Edison Company of New York, Inc. (Con Edison) in conjunction with progressing with Con Edison to a new development phase pertaining to grid management at its Westchester County, New York pilot. The new grid management phase in the Westchester County pilot will be funded in part with a \$200,000 grant from the New York State Energy Research and Development Authority (NYSERDA) executed in January to Con Edison and Ambient for this purpose. Furthermore, the Company anticipates the beta release of its industry-leading Network Management System software (NMS) in the second quarter of this year and a much anticipated full roll-out of its next-generation product suite by June 2006.

John J. Joyce, President and CEO of Ambient, stated, "Reflecting on 2005 as a year of progress for Ambient and the industry as a whole, and looking forward to 2006, we anticipate this year to be even more successful. We have received many inquiries regarding our next-generation line of products and our proprietary NMS system. We are seeing increased interest on behalf of utilities that are interested in obtaining the ability to better manage their systems through BPL technology. The ability to better manage the utility grid system will be a driving force that should push the industry to significant commercialization in 2006."

A more detailed description of Ambient's business, their results of operations and financial statements are contained in the Annual Report on the 10-KSB filed on February 24, 2006, with the Securities and Exchange Commission.

About Ambient Corporation

Ambient Corporation, a late-stage development company, is a pioneer in the Broadband over Power Lines (BPL) industry. Engaged in the design, development and marketing of patented BPL equipment and technologies, Ambient utilizes proprietary technology and in-depth industry experience to provide optimal solutions for the Utility and Multi-Dwelling Unit (MDU) markets. Headquartered in Newton, MA, Ambient is a publicly traded company (OTC BB: ABTG). Visit Ambient at www.ambientcorp.com.

This press release may contain forward-looking statements that involve risks and uncertainties. These statements may differ materially from actual future events or results. Readers are referred to the documents filed by Ambient Corporation with the SEC, including the company's most recent report on Form 10-KSB and 10-QSB, which identify important risk factors that could cause actual results to differ from those contained in the forward-looking statements. Ambient is a trademark of Ambient Corporation registered in the U.S. Patent and Trademark Office.

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