



**FOR IMMEDIATE RELEASE**

**AMBIENT TO MAKE SCHEDULED SEPTEMBER PAYMENT ON 2006 DEBENTURES  
IN CASH**

**Boston, MA, August 7, 2007 - Ambient Corporation (OTCBB: ABTG)**, a leader in Broadband over Power Lines (BPL) solutions, today announced it has notified the 2006 Debenture holders that it intends to pay the scheduled September 2007 payment in cash, rather than in registered shares of Ambient stock. As part of its continuing efforts to limit the distribution of Ambient stock at a discount-to-market price, Ambient has paid in cash the last two scheduled monthly 2006 Debenture payments. In June 2007, Ambient also prepaid a significant portion of the principal and accrued interest on these 2006 Debentures. Ambient is making the scheduled payment in cash in an effort to limit further dilution associated with these below-market price issuances.

**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](http://www.ambientcorp.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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