



FOR IMMEDIATE RELEASE

**AMBIENT & CONSOLIDATED EDISON LAUNCH
NEW R & D EFFORTS UNDERGROUND IN MANHATTAN**

Network Monitoring and Communications Platform to be Further Evaluated

New York, NY, April 11, 2007 - Ambient Corporation (OTCBB: ABTG), a leader in Broadband over Power Lines (BPL) solutions, announced today that it will install its second generation BPL equipment on the underground electric system of Consolidated Edison Company of New York Inc. (NYSE: ED).

Successful completion of the research and development demonstration would allow Con Edison to further evaluate on a larger scale Ambient's BPL System for monitoring the underground distribution system.

Ambient's BPL platform is designed to support many, if not all, of the sensing, monitoring and control applications that Con Edison may deploy to enhance its distribution system. Some of the applications that can be supported by the Ambient BPL system include aggregation of meter reading, peak load reductions and demand side management, energy flow measurements, stray voltage detection, and partial discharge detection.

The demonstration of Ambient's partial discharge detection application, in particular, may be a key component in proactively detecting impending failures in cables or other distribution system components.

Ram Rao, Ambient's Chief Technology Officer stated, "We are pleased to be working with our long-time partner Con Edison on this R & D project. Con Edison has stated their commitment to enhance their grid, and we anticipate that the Ambient BPL system will be a key part of the solution that Con Edison is developing to achieve their planned improvements. The Ambient BPL platform has been developed to enable exactly these types of applications and solutions."

Many of the utilities in the United States that are in the process of developing plans for the next generation distribution systems have identified communications capabilities as a key requirement. Ambient's BPL system is an ideal solution to meet this requirement as it operates over the same infrastructure that the utilities own, operate, and maintain to deliver electricity.

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.

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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