



FOR IMMEDIATE RELEASE

AMBIENT RECEIVES PURCHASE ORDER FOR X2000

Enabling Smart Grids for the Utility of the Future

Boston, MA, April 16, 2008 - Ambient Corporation (OTCBB: ABTG) announced today that it has received a purchase order for 9,000 units of its newest communications node, the X2000. The purchase order is from the contract announced by Ambient earlier this month. With a maximum value of \$11.0 million, the purchase order includes licensing of Ambient's Network Management System, AmbientNMS™, and engineering support in building out an intelligent grid/intelligent-metering platform.

“Ambient will be supporting utility applications for smart grid and Utility of the Future initiatives. Initially, we will be building out the communications platform, Ambient Smart Grid™, for “last mile” backhaul supporting the utility’s plan to reach approximately 50,000 end points,” stated John J. Joyce, President and CEO of Ambient.

A communications platform such as the Ambient Smart Grid™ is necessary for utilities to implement a full suite of smart grid applications, which include Advanced Meter Reading (AMR), real-time pricing, Demand Side Management (DSM) and direct load control. When combined, these applications can offer economic, operational and environmental benefits for utilities and utility customers. This platform helps utilities meet growing energy demand with their existing legacy systems by increasing the efficiency and functionality of the electrical distribution grid.

About Ambient Corporation

Ambient designs, develops and markets Ambient Smart Grid™ communications technologies and equipment. Utilizing proprietary, open standards-based technologies along with in-depth industry experience, Ambient provides utilities with solutions for creating smart grid communication platforms and technologies. Headquartered in Newton, MA, Ambient is a publicly traded company (OTCBB: ABTG). More information on Ambient is available 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 smart grid 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, 2007, 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, Ambient Smart Grid and AmbientNMS are registered trademarks of Ambient Corporation with the U.S. Patent and Trademark Office.

MEDIA CONTACT:

AMBIENT CORPORATION

Anna E. Croop

Director of Corporate Communications

(617) 614-6739

acroop@ambientcorp.com