

## **Lime Energy Announces Significant Enhancements to Proprietary eMAC HVAC Technology**

ELK GROVE VILLAGE, Illinois, November 12, 2007 – Lime Energy Co. (OTCBB: LMEC) today announced two major enhancements to its eMAC (equipment monitor and control) technology for commercial unitary (packaged) air conditioners. The first is a sensor to monitor carbon dioxide (CO<sub>2</sub>) readings in the conditioned space. The second addition is the ability to allow eMAC to communicate via cell phone protocol which allows more flexibility regarding locations where the technology may be installed.

The addition of a CO<sub>2</sub> sensor to eMAC allows building owners to obtain a better score toward LEED certification in new buildings. LEED is the nationally accepted benchmark for the design, construction, and operation of high-performance green buildings. High CO<sub>2</sub> conditions can happen when inadequate outdoor air is introduced via the air conditioning and ventilation system. High CO<sub>2</sub> is a contributor to poor indoor air quality, which has been shown to deter optimal work performance in building occupants. Too much outdoor air, on the other hand, can greatly increase the energy use of a building because for most of the year this air must be heated or cooled. The CO<sub>2</sub> sensor in the eMAC gives an opportunity to measure and manage indoor air quality and efficiently provide the right amount of outdoor air to achieve the optimal balance of air quality and energy consumption.

The eMAC is a web-based control, monitoring, and remote diagnostic system for commercial packaged air conditioning. Sensors are installed at the thermostat and the air conditioning unit to monitor temperature and energy use which is communicated via wireless web-based technology back to a monitoring center at Lime Energy. Technicians can remotely monitor and control the air conditioning system to achieve desired space temperatures at all hours of the day and night, interpret system alarms, and if required dispatch repair crews and monitor their work. Today, the eMAC system is in use at some of the nation's largest banks, restaurants and retail stores providing clients the ability to achieve centralized HVAC control of local branch operations.

### **About Lime Energy**

Lime Energy is one of the nation's leading energy efficiency technology and engineering companies. Lime brings together more than 75 years of experience in design, engineering and installation of energy efficient solutions providing customers with guaranteed saving results and high returns on invested capital. The company's stock is traded on the OTC Bulletin Board under the symbol LMEC. Additional information is available at the company's website at [www.lime-energy.com](http://www.lime-energy.com) or by calling 847-437- 1666.

### **FORWARD-LOOKING STATEMENTS**

This news release includes forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 including

statements that reflect Lime Energy's current expectations about its future results, performance, prospects and opportunities. Lime Energy has tried to identify these forward-looking statements by using words and phrases such as "may," "expects," "anticipates," "believes," "intends," "estimates," "plan," "should," "typical," "preliminary," "hope," or similar expressions. These forward-looking statements are based on information currently available to Lime Energy and are subject to a number of risks, uncertainties and other factors that could cause Lime Energy's actual results, performance, prospects or opportunities in the remainder of 2007 and beyond to differ materially from those expressed in, or implied by, these forward- looking statements. These risks are referenced in Lime Energy's current Annual Report on form 10-K or as may be described from time to time in Lime Energy's subsequent SEC filings; and such factors as incorporated by reference.

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