

September 9, 2015



Ener-Core Receives \$900,000 Purchase Order for Installation of Powerstation EC250 at Santiago Canyon Landfill

Installation Expected in Q2 2016

IRVINE, Calif.-- Ener-Core, Inc. (OTCQB: ENCR), a provider of commercialized *Power Oxidation* technology and equipment that generates clean power from low-quality and waste gases and is deployable in a wide variety of industries, has received a purchase order totaling \$900,000 from the Advanced Power & Energy Program (APEP) of the University of California, Irvine for the installation of Ener-Core's 250kW Powerstation EC250 at the closed Santiago Canyon Landfill in Orange County.

The installed Powerstation will use the low-quality gas created from solid waste decomposition to produce electricity for Orange County Waste & Recycling site operations, which, in turn, is anticipated to lower the County's utility bill for such operations. The Santiago Canyon landfill has been closed since 1996 and, as with most closed landfills around the world, has been flaring its landfill gas because the gas quality was not high enough to be used as a fuel for traditional power-generation technologies.

This is the second purchase order Ener-Core has received in approximately one month, following the receipt of a purchase order from Dresser-Rand in early August for the delivery and installation of two of Ener-Core's larger-scale two-megawatt Power Oxidizers to be coupled with the Dresser-Rand KG2-3GEF two-megawatt gas turbine generators for Pacific Ethanol's Stockton, CA plant (<http://ir.ener-core.com/press-releases/detail/55/ener-core-receives-2-1-million-purchase-order-and-initial>).

Alain Castro, CEO of Ener-Core, said, "This purchase order is another key milestone in our company's development and product commercialization. Converting the low-quality gas from the Santiago landfill into productive energy for the community is a prime example of how our technology can help solve a major environmental problem that we are facing in the United States today. We have already proven, in Europe, the viability of our technology for closed landfills. We're excited to install one of our systems at a closed landfill right here in California, to continue proving that landfills as well as many industries can effectively reduce their emissions of poor-quality greenhouse gases while also monetizing these gases by converting them to clean power. We value our partnership with APEP and Orange County Waste & Recycling, and look forward to moving ahead on this project."

When landfills are closed and stop receiving more solid waste, the quality of their gas degrades to levels making it infeasible to use for generating power with traditional power equipment. However, closed landfills typically continue to emit these low-quality gases for

an additional 50 to 70 years after closure, and landfill operators typically resort to flaring those gases during all of those additional years. Ener-Core's technology enables the generation of clean, renewable power from landfills for decades after they are closed. According to Landfill Methane Outreach Program (LMOP), there are at least 80 similar (closed) landfills of varying sizes in California alone.

Mr. Castro concluded, "When we then look at the remainder of the U.S. and at international markets, the number of sites where Ener-Core could enable closed landfills to continue generating power (and revenue) is substantial."

Installation of the 250kW Powerstation EC250 at Santiago Canyon is expected by the second quarter 2016. The Orange County Register reported on Ener-Core and the Santiago Canyon project on May 2, 2015; see <http://www.ocregister.com/articles/landfill-660309-electricity-core.html>.

About Ener-Core

Irvine, California-based [Ener-Core, Inc.](#) designs, develops, manufactures and has commercially deployed unique systems that generate base-load, clean power from polluting waste gases including methane. Ener-Core's patented Power Oxidizer turns one of the most potent pollution sources into a profitable source of base-load clean energy. Ener-Core's technology offers an alternative to the flaring (burning) of gaseous pollution while generating operating efficiencies and reducing the costs of compliance with environmental regulations.

Ener-Core offers a variety of platforms including the 250kW Ener-Core Powerstation EC250 ("EC250"), the Ener-Core Power Oxidizer 333 KW Powerstation ("EC333") and the larger counterpart, the 2MW Ener-Core Powerstation KG2-3GEF/PO.

Cautionary Statement Regarding Forward-Looking Statements and Third Party Statements

Forward-looking statements contained in this press release are made under the Safe Harbor Provision of the Private Securities Litigation Reform Act of 1995. Information provided by Ener-Core, Inc., such as online or printed documents, publications or information available via its website may contain forward-looking statements that involve risks, uncertainties, assumptions, and other factors, which, if they do not materialize or prove correct, could cause its results to differ materially from historical results, or those expressed or implied by such forward-looking statements. All statements, other than statements of historical fact, are statements that could be deemed forward-looking statements, including statements containing the words "planned," "expects," "believes," "strategy," "opportunity," "anticipates," and similar words. These statements may include, among others, plans, strategies, and objectives of management for future operations; any statements regarding proposed new products, services, or developments; any statements regarding future economic conditions or performance; statements of belief; and any statements of assumptions underlying any of the foregoing. The information contained in this release is as of the date of this press release. Except as otherwise expressly referenced herein, Ener-Core assumes no obligation to update forward-looking statements.

Except as to quotes from Ener-Core personnel, the statements made in the Orange County Register article dated May 2, 2015 cited in this press release are not statements of or on behalf of Ener-Core and are not adopted by Ener-Core. Ener-Core assumes no obligation to update or otherwise address any statements in the cited article.

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