

October 24, 2016



Strategic Environmental & Energy Resources Secures \$1.4 Million of Purchase Orders for its H2SPlus(TM) Hydrogen Sulfide Removal System

H2SPlus Systems Deployed into First Landfill Gas Project in Massachusetts and Fourth Landfill in New Jersey Positioning MV Technologies for Record Year

GOLDEN, CO -- (Marketwired) -- 10/24/16 -- Strategic Environmental & Energy Resources, Inc. (SEER) (OTCQB: SENR), a provider of environmental, renewable fuels and industrial waste stream management services, announced its wholly owned subsidiary, MV Technologies ("MV"), has secured purchase orders for its proprietary H2SPlus™ System for a fourth New Jersey landfill and MV's first landfill project in Massachusetts. The two purchase orders have an initial value of \$1.4 million and bring MV's total installed base of H2SPlus Systems at landfills to 14, treating a combined 40,000 standard cubic feet per minute (SCFM) of landfill gas (LFG) across the United States. MV has many other installations of its other systems at refineries, breweries, asphalt plants, and agricultural sites across the nation.

The New Jersey landfill is comprised of a six-vessel H2SPlus System with a treatment capacity of 3,500 SCFM. This system will effectively remove approximately 600 pounds of deadly hydrogen sulfide (H2S) on a daily basis, which translates into over 200 tons per year of harmful SO2. H2S upon combustion is converted into SO2 and is one of the five major regulated greenhouse gases contributing to climate change. This proprietary design and MV's proprietary media, BioActive Media™ or BAM, enable the landfill operator to meet site-specific regulatory criteria surrounding air pollution control rules while meeting their expectations for capital and operating expenditures. When fully operational in June of 2017, the project will represent one of MV's largest H2SPlus System installations to date.

MV's first landfill gas project in Massachusetts is designed to treat 1,300 SCFM of LFG with a H2S concentration of 1600 ppm down to 200 ppm of H2S. The landfill will incorporate a two-vessel H2SPlus System and is expected to remove approximately 100 tons of SO2 from the site's emission on an annual basis. Completion of the project is expected in December 2016 and will ensure compliance with Massachusetts specific emission standards.

"The momentum with our H2SPlus System deployments in the LFG market is accelerating and we believe the end-markets for our technology are not only recognizing the superior performance and reliability of our systems, but also the operational savings while complying with today's increasingly stringent air pollution requirements," said John Combs, CEO of

SEER. "The timing for MV's increase in market share in the landfill gas market couldn't be more fortuitous as a recent study surrounding the waste-to-energy market concluded that while waste-to-power is flat lining in the United States, fuels from landfill gas are on the upswing. Another boost to the LFG market will be the worldwide mainstreaming of public policies that aim to reduce carbon intensity of the energy sector," concluded Combs.

"At expected flow rates and projected H₂S concentrations, the two projects incorporating 8-vessel systems in total will require approximately 20,000 cubic feet of MV's BioActive Media on an annual replacement basis," said Tom Jones, president of MV. "To further enable MV to realize the growing market opportunity, we are actively expanding both our domestic and international sales footprint with strategic partnerships. MV has recently entered into business development agreements with three senior marketing representatives with extensive landfill gas experience on the east coast of the United States. We concentrated our initial efforts on the Eastern U.S. because of its high population centers and landfill site concentrations as well as its stringent emission regulations. We are now looking at the west coast to establish similar arrangements.

"Most recently we've established a strategic partnership with one of the world's largest biogas upgrading companies to represent MV in the New Zealand, Australian and Southeast Asian markets. This relationship is in response to recent regulatory pressure to reduce greenhouse gas emission from Palm Oil Mill Effluent (POME). The increased demand for palm oil has increased the number of installations of anaerobic digesters to create and capture methane in a controlled manner. Most POME facilities intend to use the biogas to generate electricity to offset their electrical needs and their reliance on fossil fuels. The biogas from the POME has high concentrations of H₂S that must be removed before it can be economically utilized to generate electricity. There are over 1,000 POME facilities in Southeast Asia that will have to remove H₂S from their biogas if they intend to utilize this resource," explained Jones.

"I am also encouraged by the recent changes in the emission standards required by the EPA, which dramatically increases the number of landfills that will be required to install landfill gas (LFG) collection systems," continued Jones. "As the regulations become stricter, it increases MV's opportunity to sell more treatments systems and the continued ongoing sales of the associated BAM to remove H₂S from the landfill gas."

Landfill Gas

Landfill gas (LFG) is created when organic waste in a municipal solid waste landfill decomposes. This gas consists of about 50% methane (the primary component of natural gas), about 50% carbon dioxide (CO₂), and a small amount of non-methane organic compounds (NMOCs). Instead of being allowed to escape into the air, LFG can be captured, converted, and used as an energy source. Using LFG helps to reduce odors and other hazards associated with LFG emissions, and helps prevent methane from being emitted into the atmosphere and contributing to local smog and global climate change.

Recovered Landfill Gas

Almost any entity can use LFG for a variety of purposes. One option is for utilities and power providers to purchase the electricity generated from the recovered LFG. Purchasing electricity from LFG enables utilities and power providers to add a renewable energy component to their energy portfolios. In addition, any entity (including municipalities, local industrial customers, and other organizations) that has a need for a direct and constant

power supply is a good candidate for LFG use. LFG can be piped directly to a nearby facility for use as either a boiler or industrial process fuel. Direct use of LFG is reliable and requires minimal processing and minor modifications to existing combustion equipment.

About Strategic Environmental & Energy Resources, Inc.

Strategic Environmental & Energy Resources, Inc. (SEER) (OTCQB: SENR), identifies, secures, and commercializes patented and proprietary environmental clean technologies in several multibillion dollar sectors (including oil & gas, renewable fuels, and all types of waste management, both solid and gaseous) for the purpose of either destroying/minimizing hazardous waste streams more safely and at lower cost than any competitive alternative, and/or processing the waste for use as a renewable fuel for the benefit of the customers and the environment. SEER has four wholly-owned operating subsidiaries: REGS, LLC; Tactical Cleaning Company, LLC; MV Technologies, LLC and SEER Environmental Materials, LLC; and two majority-owned subsidiaries: Paragon Waste Solutions, LLC; and ReaCH4biogas ("Reach"). For more information about the Company visit: www.seer-corp.com.

Forward Looking Statements

This press release contains "forward-looking statements" within the meaning of various provisions of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, commonly identified by such terms as "believes," "looking ahead," "anticipates," "estimates," and other terms with similar meaning. Although the company believes that the assumptions upon which its forward-looking statements are based are reasonable, it can give no assurance that these assumptions will prove to be correct. Such forward-looking statements should not be construed as fact. Statements in this press release regarding future performance or fiscal projections, the cost effectiveness, impact and ability of the Company's products to handle the future needs of customers are forward-looking statements. The information contained in such statements is beyond the ability of the Company to control, and in many cases the Company cannot predict what factors would cause results to differ materially from those indicated in such statements. All forward-looking statements in the press release are expressly qualified by these cautionary statements and by reference to the underlying assumptions.

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Source: Strategic Environmental & Energy Resources, Inc.