

CR&R Selects EISENMANN for Largest Green Waste Anaerobic Digester Project in North America

Eisenmann's High Solid Technology able to process broadest range of materials; Project expandable to convert over 300,000 tons of organic waste per year to natural gas for CR&R's fleet

Crystal Lake, IL, December 11, 2013 – Eisenmann Corporation is pleased to announce an exciting new project utilizing their high solids anaerobic digester technology to convert organic materials into green, renewable energy. CR&R, an environmental services company in Southern California, developed this project to divert their energy-rich waste stream to sustainable, clean-burning, compressed natural gas which will be used to fuel their fleet of collection vehicles. With completion in 2014 the state-of-the-art facility is permitted to process over 80,000 tons of organic waste per year in phase one and expandable to process over 300,000 tons per year in phases two to four — becoming the largest, automated system in the country.

“Our high solids digester technology is ideal for the range of feed materials proposed for this project”, stated Mark West, President of Eisenmann. “Converting these waste streams into clean transportation fuel offers the highest value and lowest carbon footprint for CR&R and the municipalities the company services. The economic and environmental benefits of this project are significant and market leading.”

Finding the right technology and the right partner was a key enabler to advancing the project for CR&R. With over 50 years in the environmental service business, CR&R is uniquely qualified to evaluate organics processing technologies. Mike Silva, CR&R Organics Processing Project Leader, put it into perspective: “A successful project requires understanding and planning for the materials that our facility will receive and process. Eisenmann's high solids technology was clearly the best solution for organics management, enabling CR&R to process the broadest range of materials. The flexibility and reliability of the Eisenmann system are essential to the economic success of the project and led us to choose them as our technology provider, not just for this project but also for future opportunities.”

The Eisenmann high solids anaerobic digester technology is a continuous horizontal plug flow design with a small footprint. The digester is engineered to handle dense materials such as grass, food and other common municipal solid waste in current form and break them down without the need for dilution. This process enables maximum biogas yield in a minimum space. The generated biogas can be utilized to create electricity or steam, or can be upgraded to natural gas equivalent for pipeline injection or transportation fuel. With over 90 biogas system installations worldwide, Eisenmann continues to demonstrate the reliability, flexibility and capability of this technology.

About EISENMANN Corporation

Eisenmann is a leading international supplier for environmental, renewable energy and manufacturing systems. Providing turnkey solutions for organic waste diversion and anaerobic digestion projects, Eisenmann delivers proven technologies combined with over 35 years of experience in designing, building, commissioning and servicing systems in North America. From advanced receiving and contaminant removal systems to digestate management technologies — Eisenmann is the single source for reliable anaerobic digestion systems and committed to 100% Customer Satisfaction.
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