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US biogas CHP potential attracts European technology manufacturer

By Lisa Gibson | May 26, 2011

A brewery in New York is just one of a few new customers of technology manufacturer 2G-Cenergy, as it begins to take advantage of the rising interest in biogas combined-heat-and-power applications in the U.S.

2G-Cenergy is marketing its high-efficiency 2G biogas CHP cogeneration system in the U.S., where it can be applied with other renewable energy technologies at landfills and wastewater treatment facilities.
PHOTO: 2G-CENERGY

With more than 1,500 European cogeneration installations under its belt, German company 2G Bio-Energy Technologies is focusing its interests on a growing U.S. market, beginning with multiple endeavors under Florida-based 2G-Cenergy, which it jointly owns with its North American management office. Michael Turwitt, 2G-Cenergy president and CEO, said the company saw great growth opportunity in the U.S. for its technology, applied in combination with all types of anaerobic digesters at landfills and with methane-generating wastewater treatment facilities.

“The U.S. is actually a very interesting and prosperous market for all renewable and energy efficiency technologies,” he said. “While the rest of the industrialized world has been very active implementing advanced and modern energy technologies for years, the U.S. market is just now waking up and trying to catch up. The opportunities are endless, and despite a lot of regulatory challenges (every state within the U.S. is different), the market for our products is clearly expanding.”

In April, Pennsylvania-based Environmental Management Group International Inc. awarded 2G-Cenergy with an order to supply a high-efficiency biogas CHP plant for an anaerobic fluidized bed digester technology at a large brewery in New York, according to Turwitt. More recently, Three Rivers Solid Waste Management Authority located in Pontotoc, Miss., announced it will invest $1.3 million in a 2G biogas power plant for its landfill facility. 2G-Cenergy has successfully commissioned systems in Washington and Wisconsin, and has modular systems in development at sites in Massachusetts, South Carolina and Texas.