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Xebec's Biogas Upgrading Equipment is Core Technology of EPA Award-Winning University Biogas Energy Project

MONTREAL (QC), February 17, 2010 - Xebec Adsorption Inc. (TSX: XBC) ("Xebec"), a provider of biogas upgrading, natural gas and hydrogen purification solutions for the clean energy market, announced today the company has been recognized for its key technology contribution to an EPA award-winning renewable energy project at the University of New Hampshire.

The Xebec biogas system enables the university to purify methane gas collected at a landfill in nearby Rochester, NH, to provide up to 85 percent of the biogas fuel needed to run its electric power cogeneration systems. Under its Landfill Methane Outreach Program (LMOP), the U.S. Environmental Protection Agency (EPA) honored the university's EcoLine™ group at the 13th annual LMOP Conference in Baltimore, MD, in January for its creative use of landfill gas (LFG) to reduce methane emissions and create renewable energy from it.

The EcoLine™ was a team program of the university and corporate partners that included Xebec, Waste Management, Inc., EMCOR Energy Services, SCS Energy, SCS Field Services, and Siemens. The team designed and integrated different components that work seamlessly to collect, clean and supply landfill gas for energy production.

In operation, the system collects methane gas from more than 300 extraction wells at the Waste Management landfill site. The Xebec methane upgrading system removes carbon dioxide and other contaminants from the gas before it flows through a 12.7 mile pipeline to the university's cogeneration plant. There, a fuel management system supplies the biogas to Siemens turbine generators that originally were designed to run on natural gas. The system also captures heat lost during the generation of electricity and uses this for heating campus buildings.

"This project took more than four years to bring to fruition and it not only will reduce our dependence on fossil fuels and stabilize our fuel sourcing and costs, but it will also help both the university and the greater Rochester area significantly reduce our carbon footprint," said Paul Chamberlain, UNH Assistant Vice President for Energy and Campus Development. "It's a great honor to receive this award from the EPA and we're pleased to share this recognition with the many team members, such as Xebec Adsorption, who helped us achieve the environmental and energy results we've realized with the EcoLine™."

"One of the keys to the success of the gas processing plant we designed for the project was the Methane Upgrading solution provided by Xebec," added Jeffrey L. Pierce, P.E., Vice President of SCS Energy. "Not only was it easy to install and integrate the upgrading system, but it's proven to be extremely reliable, so the total system can process 5,500 standard cubic feet per minute of landfill gas without interruptions of power generation. It truly provides a worry-free operation for university facilities staff."

In addition to reducing the cost of fueling the cogeneration plant the EcoLine™ has provided major environmental benefits, according to the EPA. The use of landfill gas in this manner is equivalent to reducing the average annual greenhouse gas emissions from 12,500 passenger cars or carbon dioxide emissions from more than 159,000 barrels of oil consumed, and it provides annual energy savings that equate to heating nearly 18,700 homes.

The Xebec M-3100 Methane Upgrading PSA (pressure swing adsorption) systems utilize the company's proprietary rotary valve and rapid cycle PSA technologies to remove carbon dioxide (CO₂), water vapor and most trace gases present in biogas streams, such as methane, to meet and exceed levels required for natural gas pipelines, power generation or vehicle fuel requirements.

About the University of New Hampshire

The University of New Hampshire, founded in 1866, is a world-class public research university with the feel of a New England liberal arts college. A land, sea, and space-grant university, UNH is the state's flagship public institution, enrolling more than 12,200 undergraduate and 2,200 graduate students.

About Xebec Adsorption Inc.

Xebec Adsorption Inc. is a global provider of clean energy solutions to corporations and governments looking to reduce their carbon footprints. With more than 1300 customers worldwide, Xebec designs, engineers and manufactures innovative products that transform raw gases into marketable sources of clean energy. Xebec's strategy is focused on establishing leadership positions in markets where demand for biogas upgrading, natural gas dehydration and hydrogen purification is growing. Headquartered in Montreal (QC), Xebec is a global company with two state-of-the-art manufacturing facilities in Montreal and Shanghai, a R&D facility in Vancouver (BC) as well as a sales and distribution network in North America, Asia and Europe. Xebec trades on the TSX under the symbol XBC. For additional information on the company and its products and services, please visit the Xebec web site at www.xebecinc.com.

Caution Concerning Forward-Looking Statements

Certain statements in this press release may constitute "forward-looking" statements within the meaning of applicable securities laws. This forward looking information includes, but is not limited to, the expectations and/or claims of management of Xebec with respect to information regarding the business, operations and financial condition of Xebec. Forward-looking information contained in this press release involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Xebec or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. This list is not exhaustive of the factors that may affect forward-looking information contained in this press release. When used in this press release, such statements use such words as "anticipate", "believe", "plan", "estimate", "expect", "intend", "may", "will" and other similar terminology. These statements reflect current expectations regarding future events and operating performance and speak only as of the date of this presentation. Forward-looking statements involve significant risks and uncertainties, should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether or not such results will be achieved. A number of factors could cause actual results to differ materially from the results discussed in the forward-looking statements.

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