



A world powered
by clean energy

Xebec and Southern California Gas Co. Launch Technology to Turn Sewage Waste into Renewable Energy

Xebec's groundbreaking technology purifies methane gas from sewage treatment plant and turns it into energy for potential use in homes and businesses

BLAINVILLE, QC, (February 8, 2011) - Xebec Adsorption Inc. (TSX: XBC) ("Xebec") watched today as their innovative biogas technology launched the first renewable energy project in California to purify biogas from a wastewater treatment facility (WWTF), [turning sewage into energy to meet California's stringent natural gas quality standards](#). The new biogas purification plant at the Hale Avenue Resource Recovery Facility in Escondido, CA is a joint project of the city, Southern California Gas Co. (SoCalGas, a subsidiary of Sempra Energy NYSE:SRE) and Xebec. Xebec has provided the engineering, procurement, construction and management (EPCM) for this \$2.7 million US turnkey project.

"Today represents an important achievement for Xebec," said Kurt Sorschak, President and CEO of Xebec, a provider of biogas upgrading, natural gas and hydrogen purification solutions for the clean, energy market. "Using Xebec's technology, the city of Escondido has the potential to produce enough natural gas to serve 1,200 homes with absolutely no negative impact on the environment and while reducing greenhouse gas emissions and lowering the overall dependence on fossil fuel derived products. As the first Canadian company to introduce this groundbreaking technology to the state of California, we believe we are one step closer to achieving our company vision of a world powered by clean energy."

California is one of the world's most advanced markets for green energy and is rapidly increasing its interest in using biogas as a source of renewable energy. Methane gas produced by wastewater treatment facilities represents a large source of previously untapped renewable energy. The United States has approximately 16,000 WWTF of which 540 have been identified as being large enough to warrant biogas utilization, and only two currently produce renewable gas. Normally, methane gas is burned off or "flared" and released into the atmosphere, a wasteful process that generates greenhouse gas emissions. [This new facility brings SoCalGas and its sister company of San Diego Gas & Electric closer to the State set Renewable Portfolio Standard goal of 33 per cent of energy being from renewable sources by 2020. This new facility, and others that may follow, could help California meet its Renewable Portfolio Standard goal of 33 percent by 2020.](#)

"Our revolutionary kinetic pressure swing adsorption technology enables us to remove nitrogen and oxygen in a single process step, while at the same time separating carbon dioxide and water," said Mr. Sorschak. "This gives us a solid competitive advantage in an ever-growing marketplace that needs to address ways of producing renewable gas that meets government renewable energy targets and environmental goals like lower carbon footprints."

Over the next twelve months, the newly purified gas at the Escondido site will be monitored and tested for potential injection into the SoCalGas natural gas pipeline system, ~~as well as for future additional sites~~.

Today's successful launch is the most recent milestone the Quebec-based company has achieved over the past year. Despite the weak economic conditions, Xebec has solidly established itself as a leader in the renewable gas market by:

- Delivering the first organic food waste biogas upgrading plant to a Korean customer;
- Selling the first biogas upgrading plant to a gas utility in Canada;
- Selling three biogas upgrading plants in China;

- Introducing leading edge, proprietary Kinetic Rapid Cycle PSA technology for the biogas upgrading market;
- Negotiating a \$2.0 million US engineering service contract extension to develop new applications for Xebec's proprietary technology;
- Achieving more than 50 per cent revenue growth in its natural gas dehydration segment for natural gas refueling stations in North America.

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. 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 Blainville, (QC), Xebec is a global company with two state-of-the-art manufacturing facilities in Montreal and Shanghai, an R&D facility in Vancouver (BC), as well as a sales and distribution network in North America and Asia. 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.

About Southern California Gas Company

Southern California Gas Co. has been delivering clean, safe and reliable natural gas to its customers for more than 140 years. It is the nation's largest natural gas distribution utility, providing safe and reliable energy to 20.7 million consumers through nearly 5.8 million meters in more than 500 communities. The company's service territory encompasses approximately 20,000 square miles in diverse terrain throughout Central and Southern California, from Visalia to the Mexican border. The Gas Company is a regulated subsidiary of Sempra Energy (NYSE: SRE). Sempra Energy, based in San Diego, is a Fortune 500 energy services holding company.

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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For more information, photos of launch, or to interview Mr. Sorschak, please contact:

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