

January 25, 2016



Ilios Breaks into New York Hospitality Market

WALTHAM, Mass., Jan. 25, 2016 /PRNewswire/ --[Tecogen® Inc.](#) (NASDAQ: TGEN) is pleased to announce subsidiary [Ilios® Inc.](#) sold a high efficiency water sourced unit for installation in a luxury hotel outside Manhattan, NY. The cost-saving Ilios water heater runs on cheap and abundant natural gas and will be fitted with Tecogen's patented ultra-clean Ultera™ emissions control technology, bringing emission of harmful smog-inducing pollutants down to near-zero levels. Ilios generated hot water is produced at twice the efficiency of traditional boiler systems and generates useful cooling as a free byproduct; resulting in substantial natural gas savings as well as electricity savings by offsetting energy that would have been consumed by a traditional HVAC system. Additionally, due to the high efficiency of the Ilios modules there will be a significant carbon emission reduction realized by the facility.



Stephen Lafaille, Ilios Product Manager, commented, "This installation will be a great example of the value proposition Ilios offers customers in the hospitality space. We are thrilled to be working with a leading energy efficiency solutions provider like OpTerra Energy Services that understands the long term savings potential our equipment provides to their customers."

Speaking about the deal, John Pifer of OpTerra Energy Services Commercial and Industrial Division, the national energy services and engineering firm that designed and implemented the project, noted, "Given OpTerra's focus on providing our customers with the most sustainable and energy efficient solutions, the Ilios unit was a great fit for this particular project. The Ilios gas heat pump's best in class efficiency and compact size make it a natural fit for cost-conscious property managers. We look forward to working with Tecogen and the Ilios team again."

Ilios's High Efficiency Water Heater, which can operate on either natural gas or propane, is an excellent alternative to conventional water heating systems. Ideal for locations with a gas demand of at least 4000 therms/month, such as swimming pools, hotels, schools, colleges, hospitals, apartment buildings and recreation centers, the hotel is an excellent example of

and advantaged Ilios installation. The hotel includes 38 luxury suites, two restaurants, a large spa, state-of-the-art fitness center and rooftop pool, all of which will benefit from Ilios's efficiently produced domestic hot water.

About Ilios

Ilios Inc., a subsidiary of Tecogen Inc., was formed in April 2009 to develop and distribute a line of ultra high-efficiency heating products for commercial and industrial applications utilizing advanced thermodynamic principles. Products incorporate mechanical work to extract heat from the environment to supplement chemical energy available from natural gas or propane. The result is a significant boost in efficiency and reduced carbon emissions relative to conventional heating systems. Come visit us at Booth #2510 at AHR Expo 2016, January 25-27th in Orlando, FL. For more information please visit www.iliosdynamics.com.

About OpTerra Energy Services

OpTerra is a pioneer in advancing the sustainable energy economy, energizing opportunity and building positive impact for the communities, institutions and businesses we serve. Starting as a core group of engineers with a handful of patents, OpTerra has become a national energy company with a rich history of industry leadership and high performance. 40 years of practice unifying strong legacy companies, from Consumers Energy to PG&E, Bluestone, and Chevron, have allowed us to evolve with our customers and become a leader in energy efficiency, renewables, and infrastructure development. For more information please visit www.opterraenergy.com

About Tecogen

Tecogen manufactures, installs, and maintains high efficiency, ultra-clean, combined heat and power products including natural gas engine-driven cogeneration, air conditioning systems, and high-efficiency water heaters for residential, commercial, recreational and industrial use. The company is known for cost efficient, environmentally friendly and reliable products for energy production that, through patented technology, nearly eliminate criteria pollutants and significantly reduce a customer's carbon footprint.

In business for over 20 years, Tecogen has shipped more than 2,300 units, supported by an established network of engineering, sales, and service personnel across the United States. For more information, please visit www.tecogen.com or follow us on [Twitter](#), [Facebook](#), and [LinkedIn](#).

Forward Looking Statements

This press release contains forward-looking statements under the Private Securities Litigation Reform Act of 1995 that involve a number of risks and uncertainties. Important factors could cause actual results to differ materially from those indicated by such forward-looking statements, as disclosed on the Company's website and in Securities and Exchange Commission filings. The statements in this press release are made as of the date of this press release, even if subsequently made available by the Company on its website or otherwise. The Company does not assume any obligation to update the forward-looking statements provided to reflect events that occur or circumstances that exist after the date on which they were made.

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