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Gas Technologies Announces Key Relationship with PCI Gases Commercial Oxygen Division to Integrate VSA Onsite Oxygen Plants

PETOSKEY, MI - (August 11, 2011). Gas Technologies LLC (GTL), (<http://www.gastechno.com>) developer of the GasTechno® methane-to-methanol conversion process, today announced its plans to cooperate with PCI Gases on the integration of their Deployable Oxygen Concentrator Systems (DOCS) into the process. PCI's DOCS technology uses a Vacuum Swing Adsorption (VSA) gaseous generation technology that offers the lowest total cost of ownership for onsite oxygen generation in its size class.

The target market for the integrated VSA/GasTechno® methane to methanol conversion process is flare gas sources that are typically remote, where liquid oxygen is either very expensive or otherwise unavailable. PCI's DOCS oxygen plants will allow Gas Technologies to pursue numerous markets to commercialize this revolutionary gas to liquid process.

According to Walter Breidenstein, CEO of Gas Technologies, "We spent a lot of time researching oxygen systems and LOX delivery options. Since O₂ is our largest OSBL cost, we knew that scaling down required high quality, low cost oxygen for our most favorable process economics, and PCI's DOCS technology was the last technology standing in our opinion. We are very pleased they agreed to support our global strategy in reducing gas flaring and lowering CO₂ emissions."

Both companies will also evaluate a co-development agreement that would improve O₂ quality at small scales, and study options to scale-up the technology for larger GasTechno commercial plants. The future integration of both technologies shows great promise in the growing worldwide market to reduce gas flares and access low cost stranded gas, especially at offshore oil production platforms.

"We are very excited to be part of this very promising alternative energy solution. The GasTechno process is a great example for the increasing need for mobile point-of-use oxygen plants that enable users to have low cost oxygen in remote areas" says Soeren Schmitz, General Manager for PCI's Oxygen Solutions business.

About Gas Technologies LLC

Gas Technologies LLC (GTL) is an alternative energy company and world leader in the single step conversion of methane to methanol. The GasTechno® platform converts methane into valuable commodity fuels, high-end intermediates and specialty chemicals via the GasTechno® family of technologies. GasTechno® plants are scalable, transportable and profitable at small volumes, monetizing even modest sources of CO₂, methane, landfill gas, biogas and bio-methane. Our latest designs include a food and fuels production system that processes CO₂ and methane, the greenhouse gases primarily responsible for global warming. The GasTechno® platform offers unique design and

engineering services for patent licensing of technologies involving natural gas processes and chemical processing plants.

About PCI Gases LLC

Pacific Consolidated Industries, LLC was founded in 1984 to manufacture cryogenic air separation devices for operation in extreme and remote environments. Since then, PCI has continually expanded its technology platforms to include membrane and adsorption (VSA) technology. PCI manufactures ruggedized on-site liquid and gaseous oxygen and nitrogen generators for a variety of markets; including Military, Medical, Water & Wastewater Treatment, Industrial, and Oil & Gas markets. We have built thousands of systems that are actively operating and supported in over 25 countries worldwide. PCI's corporate headquarters is located in Riverside, California. For more information about our products and services, please visit our website at www.pcigases.com.

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