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Parametric Solutions Inc.

Exciting New Net Zero Solution, Practical Low-Cost Technology De-Carbonizes Existing Power Plants

Parametric Solutions, a world-renowned aerospace and power generation engineering firm located in Jupiter, Florida USA, has entered into a Global License Agreement with Natural Resources Canada (Canada's equivalent to the US Department of Energy) to commercialize a new low-cost globally patented G2 technology platform that 100% de-carbonizes the existing industrial, business and consumer electricity power generation sectors … the largest single obstacle to achieving global net zero emissions. New power plants and new mobile power plants serving these sectors will also benefit from the de-carbonization technology. There is no other known technology with practical scalability to maximize impact on the quantity and cost of carbon capture needed to achieve a net zero world.

Even with continued increase of green energy for many years to come, it is extremely unrealistic (some would say utter insanity) not to anticipate that the current global level of fossil fuel electricity power generation will still be needed for the foreseeable future to meet the ever-increasing overall global demand for 24/7 affordable electricity.

New G2 technology is low-cost, efficient, and disruptive with easy-to-understand rapid product scalability.

Parametric Solutions has developed and demonstrated the new critical technology item that combusts fossil fuels with oxygen under extreme high-pressure. This results in point source 100% carbon capture, the lowest-cost and most efficient way to carbon capture. The low-cost and no atmosphere emissions enables generation of 24/7 clean and affordable electricity. In support of this critical technology, the US Department of Energy recently awarded Parametric Solutions $16,000,000 to extend the critical combustor technology item to accommodate syngas.

The initial G2 equipment system utilizing this critical technology is easily retrofitted within existing power plants currently using natural gas, coal, or oil (balance of plant remains as-is). For example, coal-based power plants can install the initial G2 equipment system to generate zero emission affordable electricity that can save thousands of jobs and avoid stranded assets.

The pipeline-ready or pure CO_2 capture yield is then available for current and future marketplace uses, storage and sequestration. The oil & gas industry global giants that have the necessary infrastructure and expertise, are ready to effectively manage the captured CO_2 transportation, storage and sequestration. These industry giants need G2 technology equipped power plants to make this happen at a reasonable cost.

Parametric Solutions is in the early-stage process of securing a Funding Partner to commercialize and scale the initial G2 equipment system. This is the company's first request for funding. To-date, all development has been self-funded. Parametric Solutions anticipates scaled commercialization within 3 years.

Joel Haas, Chief Executive Officer with Parametric Solutions said, "We have the expertise and infrastructure to commercialize G2 technology and to get it done quickly … enabling the rapid de-carbonization of the industrial, business and consumer electricity power generation sectors … the largest single obstacle to achieving global net zero emissions."

PROJECT WEBSITE: www.psnet.com ADDITIONAL INFORMATION: jeffrey.haas@psnet.com

Parametric Solutions Inc: Founded in 1993, Parametric Solutions' 200+ highly experienced engineers and analysts working from 60,000SF offices solving complex engineering problems with truly sophisticated design solutions and analysis to global industries that include Aerospace, Defense, Power Generation and Aero Propulsion. In 2017, Parametric Solutions established PSI Manufacturing that currently manufacturers for the Aerospace and Power industry, as well as, for other technical products that require complex manufacturing. PSI Manufacturing utilizes a 35,000SF facility that rapidly designs, builds, inspects, instruments, assembles, and tests new ideas and technologies.

Natural Resources Canada: Natural Resources Canada's CanmetENERGY is Canada's leading research and technology organization in the field of clean energy. CanmetENERGY in Ottawa conducts research and development on a wide array of clean energy technologies. CanmetENERGY Ottawa is working to improve existing technologies and methods, while pioneering novel ones, with the goal of reducing greenhouse gas emissions, improving energy efficiency, and making clean energy technologies economically competitive with traditional approaches. With over 200 scientists, engineers, technologists, managers, and support staff, CanmetENERGY Ottawa develops and directs S&T programs and services and provides scientific and technical expertise in eight core areas, including carbon capture, utilization, and storage.