

PLASMA ENVIRONMENTAL TECHNOLOGIES INC.

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PRESS RELEASE

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**TESTS PLANNED FOR FUEL CELLS POWERED BY HYDROGEN
PRODUCED FROM INDUSTRIAL WASTE
Plasma Environmental and Astris Energi Inc. Agree to Pursue Technology Partnership**

TORONTO, Canada – Plasma Environmental Technologies Inc. (PET), a Canadian company that turns waste into clean energy and **Astris Energi Inc.** (OTC Bulletin Board - ASRNF) a company that produces hydrogen powered alkaline fuel cells, are teaming up to pursue opportunities to employ the hydrogen produced from PET's waste-processing technology for use in Astris' hydrogen fuel cell systems.

Plasma's "Plasma Assisted Gasifier" (PAG) process is a unique cogeneration system that safely and effectively converts solid organic waste into energy, a technology co-owned by **Kinectrics Inc.** The PAG utilizes the plasma gasification of waste materials with significant inherent BTU values to produce a high value fuel gas which is rich in Hydrogen. Waste (feedstock) that may be converted into hydrogen by the PAG includes sorted municipal solid waste (MSW) with a high BTU value, agricultural waste, de-watered sludges, and chipped tires. The energy produced can either be sold, or used internally to supplement the site's electricity costs. This form of distributed, alternative energy is a rapidly growing niche market.

Astris Energi Inc. (www.astris.ca) is based in Mississauga, Ontario. Astris is a research and development company which designs and develops hydrogen fuelled electric power generating systems based on alkaline fuel cell ("AFC") technology for use in stationary, portable and transportation applications.

The Teaming Agreement with Astris is in three stages. The first stage will determine the suitability of the hydrogen gas produced in the PAG waste destruction process for use in Astris' hydrogen fuel cell systems. Upon completion of Stage 1, Stage 2 will lead to the selection of a PAG installation site for a demonstration/pilot project to further evaluate the performance of the PAG produced hydrogen in Astris' fuel cell systems. Finally, Stage 3 will lead to the commercialization of the PAG waste-destruction and hydrogen generating process and the Astris' fuel cell applications.

The integration of PET's PAG and Astris' hydrogen fuel cell systems has many applications and tremendous commercial potential. This integration represents the ability to safely and economically divert certain wastes from landfills and convert them into a clean fuel that is environmentally-friendly.

“This Teaming Agreement with Astris symbolizes both PET's and Astris' commitment to the environment. We are very excited about the possible convergence of our two technologies and the fantastic opportunities that could develop. Not only is this a significant milestone for our Company, but we also feel this is a significant milestone for modern society and the environment as a whole”, said John Wright, President of PET. “Imagine being able to convert certain wastes into a safe and clean energy that can power fuel cells. There is a growing need for environmentally safe methods of waste disposal along with the ability to produce alternative and clean energy. To say the least, we are thrilled to be working with Astris on this endeavour.”

“Hydrogen distribution is currently a large component of the total fuel cost for our fuel cell systems, directly impacting operations costs.” said Peter Nor, VP marketing and Corporate Development of Astris Energi. “The PAG installation could supply hydrogen where it is needed. The waste stream produced at a manufacturing plant, for example could be used to produce fuel for special purpose vehicles powered by alkaline fuel cells, such as forklift trucks and golf cars. This Agreement with PET has the potential to develop significant new revenue streams for Astris.”

Plasma Environmental Technologies Inc. is a Canadian public company that trades on the Canadian Venture Exchange (symbol: PE). PET develops and markets plasma-based systems for the safe and cost-effective destruction of hazardous and non-hazardous wastes. Plasma technology is a thermal, non-incineration process that converts targeted solid wastes into energy (hydrogen and electricity)

Astris Energi Inc. is a late-stage development company committed to becoming the leading provider of affordable fuel cells and fuel cell generators internationally. Over the past 21 years, more than \$17 million has been spent to develop Astris' alkaline fuel cell for commercial applications. Astris is commencing pilot production of its POWERSTACK™ MC250 technology in 2005. Astris is the only publicly traded company in North America focused exclusively on the alkaline fuel cell. Additional information is also available at the company's website at www.astris.ca.

Kinectrics, formerly a division of Ontario Hydro, is now an independent company formed to help the North American energy sector improve business performance through science and engineering. Based in Toronto, Kinectrics applies its expertise to generation, transmission, distribution, and industrial energy services. Kinectrics is also internationally renowned in the field of environmental engineering, including applications of plasma arc technology. www.kinectrics.com

For more information, please refer to PET's website, www.plasmaenvironmental.com
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The Canadian Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.

Forward-Looking Statements

Any statements in this release that are not statements of fact may be considered "forward looking statements" as that term is defined under securities laws in the United States and Canada. Forward-looking statements are only predictions and may differ materially from actual events or results.