



Waste2Tricity

Waste2tricity Congratulates Alter NRG Westinghouse on Receiving a \$21 million Plasma Gasifier Order from Air Products Inc

12 November 2013: [Waste2Tricity](http://www.waste2tricity.com), the cutting edge structured solutions provider for the waste to energy sector, congratulates Alter NRG, the owner of Westinghouse Plasma Corp. for being chosen by Air Products to deliver a Westinghouse plasma gasifier for the Air Products' Tees Valley 2 project (TV2). This follow-on project is on the same site as Tees Valley 1 (TV1), currently under construction by Air Products at their Tees Valley Renewable Energy Facility, which also utilizes the Westinghouse plasma technology. (<http://www.airproducts.co.uk/teesvalley/>).

Air Products are reported as having spent \$500 million on TV1. The go ahead for TV2 reflects the viability of the Westinghouse plasma gasification technology in this marketplace, with Waste2Tricity pursuing its own Westinghouse plasma project at Bilsthorpe, at which Peel Environmental is providing the property solution.

Waste2Tricity is working closely with both Alter NRG and AFC Energy plc. (www.afcenergy.com) to develop a market offering that will create a viral technology. The integration of the Westinghouse plasma gasifier and the AFC Energy alkaline fuel cell technologies are projected to provide unique system efficiency, so far ahead of the competition that they will create the most attractive commercial model in the marketplace.

Peter Jones, Chairman Waste2Tricity comments, "We are delighted that a second gasifier is now being constructed at Tees Valley and that this has resulted in a second order for our technology providers, Westinghouse Plasma Corp. This reflects our belief that the Westinghouse Plasma technology is in a league of its own in the market. Westinghouse is the only technology provider that has been involved in the construction of not one but two large scale commercial plants being built that are entirely dependent on the operation of this revolutionary plasma gasifier technology. It is for this reason we have expended so much effort in developing a special relationship with Alter NRG Westinghouse. We are delighted not only to share their vision but also to have common shareholders. We also look forward to the time in the near future when we can incorporate the AFC Energy PLC fuel cells into this model, producing an additional 40% + electricity from the same feedstock".

Established in 2008, Waste2Tricity works with clients and partners to develop, fund and support EfW deployment projects that integrate proven plasma gasification and internal combustion engines/gas turbines (ICEs/GTs). Shareholders at the global waste solutions firm include Roman Abramovich's Ervington Investments, who acquired a 10% share capital stake in November last year.

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Notes to Editors

Waste2Tricity

Waste2tricity is a structured solutions provider for the waste to energy sector. Its shareholders include Ervington Investments (UBO Roman Abramovich), Age of Reason Foundation and Eturab, all of whom are substantial shareholders in AFC Energy and/or Alter NRG Westinghouse and represent approx. 30% of each company. For more information, visit Waste2Tricity at www.waste2tricity.com

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AFC Energy

Founded in 2006, AFC Energy plc is re-engineering proven alkaline fuel cell technology to reduce the cost of electricity. Alkaline fuel cells have been used on US and Russian manned space missions for decades to provide electrical power and drinking water. By using modern materials, design tools and manufacturing processes at scale, AFC Energy is developing fuel cells that will compete with conventional technologies such as turbines for electrical power generation. Today, AFC Energy is pursuing opportunities in several sectors where hydrogen is readily available including the chlorine, clean coal and waste-to-energy industries as well as applications for distributed/back-up power. For further information, please visit our website: www.afcenergy.com.

Alter NRG

Alter NRG provides alternative energy solutions to meet the growing demand for environmentally responsible and economically viable energy in world markets. Alter NRG's primary objective is to further commercialize the Westinghouse Plasma Gasification Technology, through its wholly owned subsidiary, to provide renewable and clean energy solutions from a wide variety of feedstocks, and provide a wide variety

of energy outputs – including liquid fuels like ethanol and diesel, electrical power, and syngas: www.alternrg.com