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AIR PRODUCTS SECURES PLANNING PERMISSION FOR TEES VALLEY RENEWABLE ENERGY FACILITY

London, UK (xx August, 2011): Air Products has secured planning permission from Stockton on Tees Borough Council for its Tees Valley Renewable Energy Facility. The facility is the first of a number of energy from waste plants that Air Products will be looking to develop in the UK over the next few years.

The advanced gasification energy from waste (EfW) scheme, located at the New Energy and Technology Business Park, near Billingham, Teesside will convert pre-processed household and commercial waste currently going to landfill into baseload, renewable power for up to 50,000 homes in the North East. Producing 49MW of electricity from about 300,000 tonnes of waste, the facility is one of the largest advanced gasification projects planned for the UK.

Ian Williamson, European Hydrogen and Bioenergy Director at Air Products said: “We’re really pleased to have secured Stockton Council’s approval for our first energy from waste project in the UK. Our facility will be using the latest and most advanced gasification technology to generate renewable power and at the same time, contribute towards Stockton Council’s environment, energy and economic investment objectives.”

The 49MW Tees Valley Renewable Energy Facility is Air Products’ first advanced gasification energy scheme to be developed in the UK. The company anticipates that between 500 and 700 people will be employed during the project’s construction phase with 50 permanent jobs being created once the facility enters commercial operation. Air Products hopes to build up to five advanced gasification plants in the UK in the coming years, amounting to an investment of more than £1bn and with the potential to generate around 250MW of electricity.

“Air Products, along with our technology partner, AlterNRG, see Tees Valley as the first of a number of advanced gasification facilities that we wish to develop in the UK. The UK is seeking more sustainable ways to manage and dispose of its waste, and is looking to diversify its sources of electricity generation: our technology is able to deliver on both counts” commented Ian, “In the longer-term, our technology can also produce renewable hydrogen and is being considered for a demonstration of Waste2Tricity’s fuel cell technology. So our renewable energy facility could also play a part in the further development of the hydrogen economy, an area in which Air Products already has considerable experience.”

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Energy and Climate Change Minister Greg Barker said: “I welcome the progress that Air Products has made with its project to bring advanced gasification to the UK. Energy from waste leads to considerable reductions in waste going into landfill, and makes an important contribution to the UK’s low-carbon energy supply. This new technology will be an exciting addition to the energy from waste sector and I look forward to seeing the announcement of more of these projects.”

The company has taken the project through the planning process in close collaboration with the site’s owners, Impetus Waste Management, and their planning and environmental consultant, Atkins.

Subject to the financing of the project given current support mechanisms and securing environmental permitting consent from the Environment Agency, work on site could start next year, with commercial operations starting in 2014.

Ends

***NOTE: This release may contain forward-looking statements within the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are based on management’s reasonable expectations and assumptions as of the date of this release regarding important risk factors. Actual performance and financial results may differ materially from projections and estimates expressed in the forward-looking statements because of many factors not anticipated by management, including risk factors described in the Company’s Form 10K for its fiscal year ended September 30, 2010.

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EDITOR’S NOTES:

Local support

Since the project was announced in July 2010 it received support from the regional development agency One North East via the Tees Valley Industrial Programme, and has benefited from the active encouragement and support of various local organisations including NEPIC, the North East Chamber of Commerce, RenewPlus and Tees Valley Unlimited, as well as from local MPs, Alex Cunningham and James Wharton.

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About the Tees Valley Renewable Energy facility

www.airproducts.co.uk/teesvalley

The Tees Valley Renewable Energy facility will use advanced gasification technology to provide renewable electricity for up to 50,000 homes in the North East. The 49MW power plant will be located at the Reclamation Pond site (adjacent to the North Tees Chemical Complex), which is now part of the New Energy and Technology Business Park, near Billingham, Teesside.

The plant will mostly use non-recyclable waste (i.e. household, commercial and industrial waste left over after recycling) that is currently going to landfill sites in the Teesside area for the production of renewable energy in the North East. Longer term, this plant has the potential to generate a renewable source of hydrogen for commercial use, for example to fuel public transport.

As part of the planning process, Air Products and its project team carried out a series of technical and environmental studies. The company also consulted local and national organisations about the project, as well as sharing its plans with local residents and businesses. In October 2010, public exhibitions were held in Stockton and Port Clarence and a leaflet about the project was distributed to more than 7,500 households in the area.

About advanced gasification technology

The facility will be one of the first advanced gasification plants of this size in the UK, using technology already employed in other countries and proven as an efficient and environmentally friendly way of producing energy from waste.

Advanced gasification technology is used to convert a variety of feedstocks (for example non-recyclable waste) into an energy rich gas stream product which can be used to generate renewable power, hydrogen or biofuels. A non-hazardous by-product (slag) is also produced which could potentially be beneficially used in the manufacture of other products such as floor tiles, insulation, landscaping blocks or road aggregate.

AlterNRG's Westinghouse gasification solution – which will be used at the proposed facility - has been operating in waste destruction facilities and generating energy from waste for over 15 years. Two existing facilities in Japan have been processing household and other industrial wastes into energy for over 7 years and have proven to be reliable and has met stringent Japanese emission standards. The proposed Air Products facility will incorporate the best available, proprietary clean-up technology to reduce emissions further, making for clean and renewable energy production.

About Air Products

Air Products (NYSE:APD) serves customers in industrial, energy, technology and healthcare markets worldwide with a unique portfolio of atmospheric gases, process and specialty gases, performance materials, and equipment and services. Founded in 1940, Air Products has built leading positions in key growth markets such as

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semiconductor materials, refinery hydrogen, home healthcare services, natural gas liquefaction, and advanced coatings and adhesives. The company is recognized for its innovative culture, operational excellence and commitment to safety and the environment. In fiscal 2010, Air Products had revenues of \$9 billion, operations in over 40 countries, and 18,300 employees around the globe. For more information, visit www.airproducts.com.