

City Summit Barracudas: Theme-The Year of the Build

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Introduction to Air Products and Chemicals, Inc.



Air Products operates across the industrial, energy, technology and healthcare markets worldwide.

Founded in 1940 in the USA, we have been an employer on Teesside for over 40 years. Across all of our operations, the company has a strong commitment to safety, the environment and to the communities within which we operate.

The Tees Valley Facility

Air Products is building a renewable energy plant using advanced plasma gasification technology to generate electricity from non-recyclable waste otherwise destined for landfill.

This environmentally sustainable facility will produce electricity equivalent to the needs of up to 50,000 homes, creating up to 700 jobs during its construction and 50 permanent jobs once commercial operations have begun.

The energy produced will help decarbonise the UK economy and reduce greenhouse gas emissions. It will also improve the UK's energy security by reducing our need for imported fossil fuels such as coal and gas.



[tell me more
airproducts.co.uk/teesvalley](https://www.airproducts.co.uk/teesvalley)

Air Products Logo

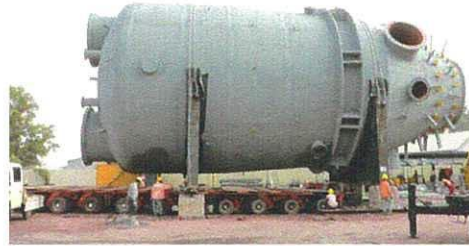
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Tees valley Renewable Energy Facility

The Gasifier

The Air Products Tees Valley Renewable Energy Facility will be the first advanced gasification plant in the UK and the largest of its kind anywhere in the world. At the heart of that facility is a gasifier using Westinghouse Plasma technology which will be combined with Air Products' proprietary gas processing technology to minimise emissions from the facility.



This combination will help to reinforce the position of the North East as hub for the development of green technology and skills for the UK.

The gasifier is expected to arrive on site in May 2013.

The Site

Construction of the Facility started in July 2012. When complete in 2014, the Facility will have brought 20 acres of industrial land into productive use.

