

1 October 2012

Siemens wins new order to enhance performance of innovative biomass plant

Siemens has been awarded a new order by PDM Widnes in Cheshire, for the performance upgrade of two small-scale steam turbines which power the company's carbon-neutral biomass combustion plants.

PDM Group, part of Saria Bio-Industries is an innovative waste management and recycling company and the UK's largest food-chain by-product recycler. The PDM Widnes plant is powered by carbon-neutral biomass. Energy produced by this process is sold into the National Grid. The new contract with Siemens is focused on upgrades which will improve plant performance and enable PDM to qualify for Government CHP (combined heat and power) incentives. The contract is part of a larger plant modernisation project.

Siemens commissioned the first turbine for PDM's pilot plant in 2001 for the incineration and energy recovery process, enabling the sale of energy to the grid. PDM's processes were very efficient and the plant was a success, which led to the development of a new steam turbine in 2005 to work alongside the existing proven one. When PDM started to look at modernising the plant, they looked to Siemens and the company worked with PDM from early 2011 to develop the best solution to meet requirements. The current project involves modernisation of the plant and upgrades and modifications, including new nozzle rings, turbine wheels and valve seats for the two small steam turbines (1.2MW and 3.2MW).

Commenting on the contract award, Rob Ratcliffe, director at PDM said: "As a leader in our market, maintaining and improving the performance of our plants is critical. PDM needed a partner who could help deliver the kind of future performance we need. Siemens had both the reputation and track record in this area and the team impressed us with their focus on our issues and their knowledge and understanding of plant performance. We had confidence in the Siemens' team, its approach and technology. "

Ben Hill, Marketing and Sales Director at Siemens Energy Service Oil and Gas division said: "We are delighted to have won this new order with PDM. This is a significant contract for Siemens' small single-stage steam turbine product line. We worked closely with the PDM team from the start to identify key issues and design an optimum service solution. The Siemens' team worked hard to ensure that PDM's needs were met. We look forward to working together on this project and cementing our relationship in the longer term."

Commissioning is expected by the end of December 2012.

-ENDS-

Notes to editors:

About Siemens in the UK

Siemens was established in the United Kingdom 169 years ago and now employs 12,972 people in the UK. Last year's revenues were £4.4 billion*. As a leading global engineering and technology services company, Siemens provides innovative solutions to help tackle the world's major challenges, across the key sectors of energy, industry, infrastructure & cities and healthcare. Siemens has offices and factories throughout the UK, with its headquarters in Frimley, Surrey. The company's global headquarters is in Munich, Germany. For more information, visit www.siemens.co.uk

** Data includes intercompany revenue. Data may not be comparable with revenue reported in annual or interim reports.*

About PDM Group

Since its foundation in Doncaster in 1926, the PDM Group (Prosper De Mulder Ltd.) has grown to become the UK's largest food chain by-product recycler. PDM provides nationwide collections to every part of the food chain - from farm gate to dinner plate. PDM prides itself on being the only

company in the UK to be able to offer a complete portfolio of solutions for food waste recycling. The group of companies has an annual turnover in excess of £200 million and employs over 1,000 people at 23 sites across the UK. The company is owned by SARIA Bio-Industries and members of the founder's family.