

MAJOR POWER AND STEAM PROJECTS TAKE SHAPE

Two multi million pound projects to generate additional steam and electrical power on the Wilton International site are taking shape.

Construction work on the new Gas Turbine/Heat Recovery Steam Generator (GT/HRSG) and four new package boilers is well underway.

The new £36 million GT/HRSG was given the go ahead in March 2007 following the announcement by Ensus to build a bioethanol plant at Wilton which will supply a third of the UK's needs for this important green fuel by 2010.

The GT will be capable of supplying 40 MW of electricity to Ensus – enough to power around 40,000 homes - and the steam generator will be able to supply up to 162 tonnes of steam an hour into the site system. The construction work, carried out by Aker Kvaerner Engineering Services, has sustained around 85 construction jobs and is expected to be complete by the end of the year.

The £7 million package boilers are being built by HKB Ketelbouw and will enhance SembCorp's ability to provide reliable supplies of utilities on the site. Each will be capable of supplying an additional 30 tonnes of steam per hour. Work is at an advanced stage and the project is expected to be operational in the next few months.

Steam is used in large quantities by chemical companies on the site as part of processing operations – mainly in general heating, the heating of vessels or driving moving equipment.

Tom Davidson, Senior Vice President for Technology at SembCorp Utilities UK, said: "These projects are of immense importance as we continue to grow and enhance our business here on Teesside."

The two projects bring to a total of more than £150 million the amount invested in improving assets by SembCorp Utilities UK in the five years since it acquired the business.



The four package boilers adjacent to Wilton Power Station



Construction work underway on site of new gas turbine