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## Visit to the e.On UK CHP Plant on 9 March 2011

Everyone who had booked a place turned up on time.



Chris on the extreme left and Ian 3rd from the right

We started with a presentation by Chris about the history and the output requirement of the plant. Their client is Iggusund paper mill and they supply 105tonnes/hour of steam and 50MW of electricity to their client. E-ON commissioned the site in 1997 and intends to hand over the plant to Iggusund in 2012.

E-ON UK is fully committed to caring for the environment and CHP in itself is an environmentally responsible technology due to its high thermodynamic efficiency. The increased fuel efficiency of CHP greatly reduces the emission of carbon dioxide, sulphur and nitrogen dioxide. Nitrogen oxides are minimised by injecting water in to the combustion chamber of the gas turbine.

At the presentation there was a question and answer session with Chris and Ian.

After the presentation John took us around the plant, first port of call was the water treatment plant, then the turbine, which was seen through a re-enforced window, then to the compressor site and finally to the chimneys.

Most of the tour was conducted outside, but the weather held good.  
Event Organiser: George Williams