

Clyde Bergemann Receives Third Order for Modernisation of the Russian 2 x 800 MW Coal-Fired Power Plant Berezovskaya GRES

Wesel, Germany – December 2012

Since 2010 the coal-fired power plant Berezovskaya GRES has been modernized within the scope of an investment programme of E.ON Russia. At 2 of 3 thermal power units, Clyde Bergemann has already installed high-quality boiler cleaning systems, 2 x 800 MW, to the perfect satisfaction of all involved parties.

The additional order for the new unit, 1 x 800 MW, is an important step to consistently grow the business in the Russian market.

The scope of delivery of this state-of-the-art power plant solution consists of 14 SMART Cannon water lance blowers, the optimizing system SMART Furnace-FACOS and sootblowers (RK series) for the superheater. The use of water has successfully proven itself as an efficient method to clean the combustion chamber. The results - based on the intelligent analysis of the slagging and the optimized targeted boiler cleaning – are very convincing.

This project underlines once more the trend to use modern technology to improve efficiency and reduce emissions at power plants.“

The projects general contractor is the Russian company “Energoprojekt”. The contract was signed during POWER-GEN Europe 2012.

Clyde Bergemann Power Group

The Clyde Bergemann Power Group is a global acting enterprise which holds leading positions in its areas of operation: systems and solutions for the energy services market. Its main business fields include

- Boiler efficiency solutions
- On-load boiler cleaning systems
- Materials handling systems for fly and bottom ash, dry sorbent injection systems
- Air Pollution Control including ESP's, fabric filters and spray dryers
- Air-Gas Handling including dampers, exhaust systems, and expansion joints
- Vacuum belt filter systems for gypsum treatment
- Combustion air systems and
- Heat exchanger technology

Used in thermal power plants, industrial boilers and related combustion processes, the technology of Clyde Bergemann makes an important contribution for an optimised, more efficient and low-emission operation supporting clean energy generation.