

To whom it may concern

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## Use of Promecon Mecontrol Coal in DONG Energy

DONG Energy have had the Promecon coal measuring system installed permanently at Asnaes Power Plant Unit 5 since 2004, and at Stigsnaes Power Plant Unit 2 since 2005.

By means of extensive experience in balancing organs and methods, DONG Energy has been able to use the system with positive results at more than one area.

First we reduced the primary  $NO_x$  emission at Stigsnaes with around 30%. Further the UBC level was reduced and efficiency rose by large. This was achieved by 2006.

DONG Energy purchased a mobile version of the system in 2007, and have used the system widely at all our PF burner fired Units both at coal and biomass fired units.

For the last 2-3 years the system have been at use for  $NO_X$  reduction at Ensted Power Plant (coal), resolving a burnback issue at Avedoere Unit 2 (biomass), analysing fuel flow fluctuations at Herning Power Plant (biomass), and various Fuel conversion commissioning works.

The latest emission reduction project was done at Asnaes Power Plant Unit 5, were the  $NO_X$  emission was reduced with 25-30%. Further a continuing slagging issue was resolved. This work was done in early 2011.

By correctly use, at the different types of issues at hand, the Promecon system have been a very useful measuring system for the above mentioned works and have correlated nicely with emissions and performance data (better balance measured, better emissions and performances).

Yours sincerely DONG Energy

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