

Bloemfontein Power Station.

Chinco Fireside Trail Report.

Summary:

A trial to determine the effectiveness of Chinco Fireside treatment on our Chain grate Boilers No 9-12 From May 2006 to October 2006.

Boilers 9,10,11&12 are International Combustion boilers with an output of 10Mw.

Boilers13,14&15 are John Brown Land boilers with an output of 12.5 Mw.

Boiler 16 are Yarrow boiler with an output of 12.5 Mw.

The results was as follows:

All boilers Coal bed thickness was reduced from 6.0 inches to 5.5 inches within the first week of the trail.

From week two onwards the Coal bed thickness were reduced to 5.0 inches.

What made their product unique are the fact that Bloemfontein Power Station only steam during the Peak periods.

Morning Peak from 07:00 to10:00

Evening Peak from 18:00 to 20:00

Recommendation:

With the savings available in Coal it is recommended that Bloemfontein Power Station start using Chinco Fireside treatment

As soon as we start up again.

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