

## **MEDIA RELEASE**

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### **‘Super beam’ secures Kogan Creek Power Project**

It was lift-off at CS Energy’s Kogan Creek Power Project this week as the first of the super-sized top beams of the boiler house was lifted 70 metres and installed in the structure.

The massive 106 tonne steel girder is the biggest beam in the state, measuring 27.5 metres in length and 6.5 metres in depth.

A crane and more than 15 riggers guided the girder as it was lifted early on Thursday morning (18 August) and bolted in place using 1,200 bolts.

The lift was a highly precise exercise and involved hours of planning and dimensional checking by boiler construction contractor Clyde Babcock-Hitachi. Further checking was conducted by Siemens-Hitachi, the consortium constructing the power station on behalf of CS Energy.

The 750 megawatt Kogan Creek Power Project is being constructed near Chinchilla and is the largest electricity project in Queensland.

CS Energy Chief Executive Mark Chatfield said a state-of-the-art boiler weighing 5,000 tonnes would be suspended from the two top girders when the project was completed.

“The boiler will literally hang off the girders because it needs space to heat up and expand downwards during the electricity generating process,” Mr Chatfield said.

“Now that the first of the girders is in place, the construction crews can start installing the top boiler pressure parts and welding them in place. The second of the top girders is slightly bigger, weighing 126 tonnes, and will be installed in mid-October.”

In other progress on-site, the chimney windshield has reached 158 metres in height following the completion of the continuous concrete pour in August.

“Combined with this week’s milestone of the top girder lift, work is progressing smoothly and on schedule since the first erection of structural steel in June,” Mr Chatfield said.

“More than 370 people are working on-site at present and this number is expected to increase to 1,000 in the peak construction period in early 2006.”

The \$1.1 billion Kogan Creek Power Project will generate enough electricity to power over 885,000 homes.

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