



**The Hon. Stephen Robertson MP  
Member for Stretton**

**Minister for Natural Resources,  
Mines and Energy  
Minister for Trade**

16 December 2009

### **Earthworks ready Callide A for Oxyfuel in New Year**

Construction of the new sections which will transform the old Callide A Power Station into a world-leading low emission power station begin in the New Year, following the recent completion of earthworks at Callide A Power Station this month.

The Minister for Mines and Energy, Stephen Robertson said this milestone will make the Callide Oxyfuel Project one of the first coal-fired low emission projects in the world.

“Only a handful of projects worldwide have moved beyond concept to construction phase, so this is a big achievement for Queensland,” he said.

Between August and November 2009, Gladstone’s Blomfield Excavations prepared 1.4 hectares of land on the eastern side of Callide A to prepare for the construction of the oxygen and carbon dioxide (CO<sub>2</sub>) capture plant.

Victorian company Gas Liquid Processing (GLP) will be on site to construct the two plants, which will be key parts of the carbon capture and storage process.

The oxygen plant (or air separation unit as it is often known) will produce pure oxygen that will be mixed with re-circulated exhaust gases from Callide A and fed into the boiler.

Burning coal in this mixture produces an exhaust gas stream richer in CO<sub>2</sub>, which is captured and piped to the CO<sub>2</sub> plant where it will be separated and liquefied so it is suitable for geological storage.

Project Director Dr Chris Spero said foundation work would start on the two plants in January and the major deliveries would begin arriving mid-year.

“The biggest plant deliveries will be the oxygen plant’s two cold boxes, each weighing 73 tonnes and 30 metres long,” Dr Spero said.

“Like most major plant deliveries for the project, it will arrive by ship at Gladstone and be driven across to Callide A Power Station.”

Other key site works will be the oxyfuel retrofit of the unit 4 boiler starting in March with demolition of old ducting and draught fans, which will make way for new plant more suited to oxyfuel combustion.

The oxyfuel demonstration is scheduled for commissioning in Early-2011 and will run for two to three years.

The Callide Oxyfuel Project is a joint venture between CS Energy, the Australian Coal Association, Xstrata Coal, Schlumberger, and Japanese participants, JPower, Mitsui and IHI Corporation.

The project has also received financial support from the Australian, Queensland and Japanese governments.

For more information, visit [www.callideoxyfuel.com](http://www.callideoxyfuel.com).

ENDS

**Media: 0419 679 354**

**CS Energy: 0417 781 325**

*Captions:*

1. *Earthworks were carried out at Callide A from August to November last year.*