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Yokogawa Receives Control Systems Contract for Australia's Largest Gas-fired Power Station

Yokogawa Australia has been awarded the contract to replace the control and instrumentation systems at Section B of the Torrens Island Power Station, which is owned by AGL Energy Limited ('AGL'). The contract is estimated to be worth A\$28 million.

The Torrens Island Power Station is situated in Adelaide, South Australia, and consists of Section A with four 120 MW units and Section B with four 200 MW units – a combined generating capacity of 1,280 MW. It is Australia's largest natural gas-fired thermal power station, burning natural gas supplied from Victoria and the Cooper Basin.

AGL has now embarked on a program to replace the control and instrumentation systems for the turbines and boilers in each of Section B's four units, and on some of the common plant facilities. The refurbishment of the first two units is scheduled to be completed in calendar year 2010 and is expected to enhance operations and ensure ongoing reliability of supply.

For this refurbishment project, known as 'Project Gateway', Yokogawa is providing AGL with the CENTUM[®] VP Integrated Production Control System, ProSafe[®]-RS Safety Instrumented System, Exaquantum[™] Plant Information Management System and other software packages, and a variety of transmitters including the DPharp EJX series of differential pressure transmitters.

The project scope includes the detailed design, engineering, equipment supply, factory testing, installation, commissioning and performance testing of the control and instrumentation system.

In selecting Yokogawa as preferred supplier of the replacement instrumentation and control systems, AGL recognised Yokogawa Australia's expertise and experience with successfully delivering similar projects. AGL is looking forward to working with Yokogawa and developing an ongoing relationship.

The awarding of AGL's 'Project Gateway' to Yokogawa follows a string of other recent successes with major power plant refurbishment projects in Australia, including Eraring Power Station (4 units x 660 MW), Northern Power Station (2 x 260 MW), Loy Yang Power Station (4 x 500MW) and Liddell Power Station (4 units x 500 MW).