



CERAMIC FUEL CELLS LIMITED

szencorp
sustainable development

Announcement

10 November 2005

First fuel cell electricity generator in an Australian office

Ceramic Fuel Cells Limited (CFCL) congratulates **szencorp** on the launch of its ground breaking energy efficient commercial office building at 40 Albert Road, South Melbourne, known as "40A".

Victorian Minister for the Environment, the Hon John Thwaites, officially opened 40A on 10 November 2005.

Among other innovative energy saving features, 40A incorporates a demonstration version of a fuel cell powered domestic combined heat and power (micro-CHP) unit, designed to produce 1kW electricity and heat for hot water.

The CHP unit, designed and manufactured by the publicly listed Ceramic Fuel Cells Limited (ASX code CFU), converts natural gas into electricity and heat through an electrochemical process, rather than direct combustion, which results in significantly higher energy efficiency and lower greenhouse emissions than conventional coal-fired power stations.

CFCL's CEO Brendan Dow said *"Micro-CHP is growing in prominence in the home and small office market in Europe, the United Kingdom and Japan, and fuel cells and the hydrogen economy are generally recognized as an important energy solution of the 21st century. We are proud to have partnered with **szencorp** and congratulate them on the opening of 40A"*.

The Chairman of **szencorp**, Mr Peter Szentel, said the fuel cell CHP unit was smart technology, environmentally and commercially sustainable and the way forward for office owners and tenants.

"Embedded generation solutions, which substantially cut greenhouse gases, will become a standard in commercial development in the future. This field trial unit will be displayed in our energy efficient product showcase building at Albert Road where the public will see the benefits of being smart with energy and the environment," he said.

40A was the first retrofit in Australia to receive a 5 star Australian Green Building Rating (AGBR) and a 6 Green Star rating from the Green Building Council of Australia.

The four-storey building is typical of small office blocks built in the late 1980s in inner Melbourne but it has been completely refurbished into a state-of-the-art environmentally friendly workplace.

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