CERAMIC FUEL CELLS LIMITED
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sustainable development

Announcement **15 July 2005**

First fuel cell electricity generator in an Australian office

Ceramic Fuel Cells Limited (CFCL) and **szencorp** are pleased to announce that they have signed a contract to install the first energy efficient fuel cell electricity generator prototype in a commercial office building in Australia at 40 Albert Road, South Melbourne.

The fuel cell powered small and smart combined heat and power (CHP) unit supplies 1kW electricity and heat for hot water.

The prototype unit, designed and manufactured by the publicly listed Ceramic Fuel Cells Limited (ASX code CFU), catalytically cracks natural gas rather than burning it which results in high energy efficiency and lower greenhouse emissions compared to conventional coal-fired power stations.

The CEO of CFCL, Brendan Dow said "The micro-CHP is growing in prominence in the home and small office market in Europe and the United Kingdom, and fuel cells and the hydrogen economy are generally recognized as the energy solution of the 21st century."

The Chairman of **szencorp**, Mr Peter Szental, 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 pubic will see the benefits of being smart with energy and the environment," he said.

40 Albert Road, which is owned by the Szencorp Group of companies, was the first retrofit in Australia to receive a 5 star Australian Green Building Rating (AGBR) and is on track to achieve a 6 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. The refurbishment into a state-of-the-art environmental friendly workplace will be completed in August this year.

Mr Dow said "Our fuel cell powered CHP unit uses readily available natural gas and also has the potential to use renewable fuels such as ethanol or biogas. Another benefit is that it converts gas to electricity in a silent process without the noise of conventional generators."

"All round, the unit is a win-win for energy savings, greenhouse emissions and the environment," Mr Szental said.

For further information and images, contact:

Peter Szental, (03) 9867 1655 or peter.szental@szencorp.net, www.ourgreenoffice.com
Helen Millicer, Investor & Public Relations Manager, CFCL, +61 (0)413 875 872, helenm@cfcl.com.au, www.cfcl.com.au