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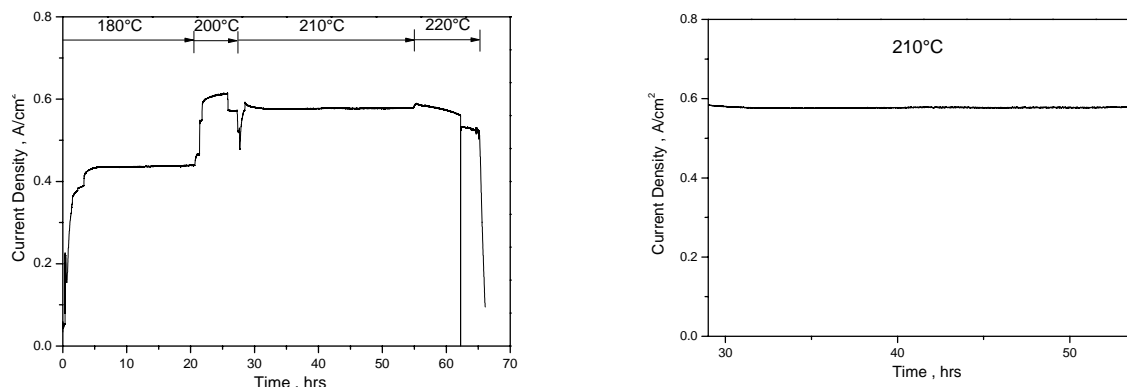
PRESS RELEASE

February 27th, 2008

Advent TPS[®]—MEAs achieve 210 degrees Celsius operating temperature, the highest in the world.

A very significant milestone was achieved by the technical team of Advent Technologies in Q1 2008. Advent TPS[®] MEAS were proven to operate at temperatures that exceed 200°C. Operation at this temperature increases the CO tolerance of the Pt catalyst, where the decrease in performance is not significant.

This development is very important in a variety of applications (CHP, portable). Especially in the case of portable reforming systems, this improvement allows the immediate feed of the hot reforming gas into the HT PEMFC stack without the interference of a cooling system. This results in the reduction of the overall unit volume and cost.



Performance of a 7x7 cm² MEA, 0.5V, H₂ (1.2)/O₂(1.5) at ambient pressure.

ADVENT TECHNOLOGIES S.A. is engaged in research, development and commercialization of new materials and systems for renewable energy sources. The major effort of the Company focuses on a high temperature PEM fuel cell system based on its proprietary technology. The Company, founded by researchers from the Foundation for Research & Technology-Hellas (FORTH-ICEHT) and the University of Patras in February 2005, is a spin-off operation from these two academic institutions and is funded by industrial partners (Germanos – Sunlight S.A., Velti S.A, ILPRA S.A.), private investors, and the Greek Ministry of Development under the PRAXE B program for matching capital. Advent Technologies is headquartered in Athens, Greece and occupies research, development and manufacturing space in the Patras Science Park (PSP) and in its US location in Boston Massachusetts.