

April 9, 2015

FuelCell Energy Solutions to Display World's Largest Fuel Cell Stack at Upcoming Hannover Messe Trade Show

- **Showcasing affordable and efficient stationary fuel cell power plants including existing on-site power installations in Germany and the United Kingdom and electric grid support in Switzerland**
- **Highlighting the tallest commercial fuel cell stack in the world, measuring 4.5 meters with a capacity of 400 kilowatts**

DRESDEN, Germany, April 9, 2015 (GLOBE NEWSWIRE) -- [FuelCell Energy Solutions GmbH](#), a provider of ultra-clean, efficient and reliable fuel cell power plants, announced its participation in the Hannover Messe industrial technology trade fair on April 13 - 17 that will include a full-size replica on display of a 400 kilowatt fuel cell stack that measures over 4 meters in length, the largest commercial fuel cell stack in the world.

"Our market-proven fuel cell power plants, with more than 50 installations operating globally, are affordably solving energy and environmental challenges for customers in nine countries," said Andreas Frömmel, Vice President, FuelCell Energy Solutions, GmbH. "Combined heat and power configurations further support economics while advancing sustainability goals."

FCES will demonstrate the continued advancement of stationary fuel cell power generation at the Hannover Fair, including the display of a 400 kilowatt fuel cell stack replica. The total length of the stack measures 4.5 meters and consists of more than 500 individual fuel cell components, with each component about one meter in length but only about 12 millimeters thick. The net electrical output of the fuel cell stack is 400 kilowatts, adequate to power approximately 900 average-size German homes.

FCES professionals will be available at the booth (FCES hall 27, stand J50/33 and B44), and the following discussions and presentations:

Monday, 13th April, 11.00 a.m.

Topic: "Hydrogen + fuel cells in the phase of market entry" (*presented in German*)

Press conference, Public Forum, H2FC Fair in hall 27

Participants: Dr. Klaus Bonhoff, CEO; NOW GmbH

Andreas Fuchs, Head of Corporate Representation; Toyota Motor Europe

Markus Bachmeier, Head of Hydrogen Solutions; The Linde Group

Andreas Frömmel, VP Commercial and Business Development; FuelCell Energy Solutions GmbH

Dr. Sascha Kühn, CEO; eZelleron GmbH

Tuesday, 14th April, 10.00 am - 12.00 noon

"Simply Saxony." Business Breakfast, Saxony Group stand F24 in hall 4

After the Business Breakfast, FCES will be part of Guided Tour 2: New energy technologies for industry.

Tuesday, 14th April, 13.40 pm

[Public Forum](#) presentation, H2FC Fair in hall 27

Topic: Decentralized CHP solutions with large scale fuel cell power plants for utilities and distribution grids

Speaker: Martin Ohmer, Business Development Manager; FuelCell Energy Solutions GmbH

Wednesday, 15th April, 11.00 am - 12.00 noon

Panel: "Innovative business models for municipal utilities - the tension between self-generation and networking" (*presented in German*)

Hall 27, Pavilion Distributed Energy / Contracting

Panelists: Heinz Ulrich Brosziewski; Vice President B.KWK

Andreas Vorbeck; SW Düsseldorf

Johannes Hinrichsen; BTB

Leonardo Estrada; MegaWATT Ingenieurgesellschaft für Wärme mbH

Dr. Volker Breisig, Price WaterhouseCoopers

Andreas Frömmel, VP Commercial and Business Development, Fuel Cell Energy Solutions GmbH

Moderator: Michael Nallinger, Chief Editor „ZfK - Zeitung für kommunale Wirtschaft“

Wednesday, 15th April, 11.40 am

[Technical Forum](#) presentation, H2FC Fair in hall 27

Topic: Ultra-clean Multi-MW fuel cell power plants with 60% electrical efficiency

Speaker: Katja Mattner, Senior Sales Associate, FuelCell Energy Solutions GmbH

FuelCell Energy Solutions GmbH (FCES), with its German manufacturing base, is the sales, manufacturing and service business for the European Served Area for FuelCell Energy, Inc. FCES is a joint venture between [FuelCell Energy, Inc.](#) (Nasdaq:FCEL) and [Fraunhofer IKTS](#).

About FuelCell Energy Solutions, GmbH

FuelCell Energy Solutions manufactures, sells, installs, and services stationary fuel cell power plants that efficiently and economically generate electricity and usable high quality heat suitable for making steam. Administrative offices are located in Dresden, Germany and manufacturing operations are located in Ottobrun, Germany. Continuous power generated at the point of use with the virtual absence of pollutants supports energy security and power reliability as well as sustainability initiatives. Ultra-Clean baseload distributed generation is attractive to electric utilities, universities, hospitals, government facilities, industrial operations and other locations with significant power needs. For more information please visit our website at www.fces.de

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