PowerCell to present new version of MS-100 fuel cell system for electrification on land and at sea

The English version is an in house-translation. In case of any discrepancy, the Swedish text will prevail.

Gothenburg, Sweden, November 4, 2019

PowerCell Sweden AB (publ) has developed a new and improved version of its MS-100 fuel cell system which will be presented at the Fuel Cell Seminar & Energy Exposition in California on November 5th. The new MS-100 is 30 percent more compact and has improved operating life time as well as robustness for demanding applications on land and at sea.

The MS-100 fuel cell system has been developed for marine applications and off-road applications such as construction and material handling equipment which demand reliable operation, high power output and flexibility.

The robust MS-100 is designed to withstand vibrations to ensure a long service life while providing quick and smooth start-up regardless of weather conditions. MS-100 offers a maximum power output of 100 kW and by connecting systems in series, it's possible to reach megawatt power levels.

The MS-100 system is based on the PowerCell S3 fuel cell stack with industry leading power density. The S3 stack technology features compact metallic bipolar plates with large active area and state-of-the-art membrane electrode assembly (MEA) to deliver a minimum operating lifetime of 20,000 hours.

With its compact design and a volume of only 276 liters, the versatile MS-100 can be easily integrated and used in a varying number of applications. In addition, MS-100 is available in both vertical and horizontal positioning which facilitates installation when space is limited

PowerCell has extensive experience in developing fuel cell systems dating back to the late 1990s when the company introduced a sophisticated system that could run on reformed diesel. Today PowerCell offers a wide range of fuel cell systems with different power levels for mobile and stationary applications.

Fuel Cell Seminar & Energy Exposition is one of the world's largest trade fairs for fuel cell technology and was started in 1976. Attracting an international audience, the Fuel Cell Seminar & Energy Exposition features the latest fuel cell and hydrogen products, technical and market research, policy updates, and commercialization strategies for all applications and market sectors.

At the fair, PowerCell will be represented by its CEO Per Wassén, who will be one of the keynote speakers, as well as sales representatives and technicians.

”North America is already one of our most important markets and has a great future potential, particularly in states with a strong focus on sustainability such as California,” Per Wassén said. ”To be there and to be seen and heard is crucial for our continued growth in North America.”

MS-100 fuel cell system:

- A fuel cell system developed for marine and transportation applications.

- Powerful output of 100 kW and possibility to connect several systems in series to achieve higher power output levels
- Compact design with vertical and horizontal positioning that enables flexibility and smooth integration.
- Robust design of all system components and metallic bipolar stack plates to ensure a long and reliable service life

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About PowerCell Sweden AB (publ)
PowerCell Sweden AB (publ) develops and produces fuel cell stacks and systems for stationary and mobile applications with a world class energy density. The fuel cells are powered by hydrogen, pure or reformed, and produce electricity and heat with no emissions other than water. As the stacks and systems are compact, modular and scalable, they are easily adjusted to any customer need.

PowerCell was founded in 2008 as an industrial spinout from the Volvo Group. The share (PCELL) is since 2014 subject to trade at Nasdaq First North Growth Market, Stockholm. G&W Fondkommission is Certified Adviser, e-mail: ca@gwkapital.se, phone: +46 8 503 000 50.